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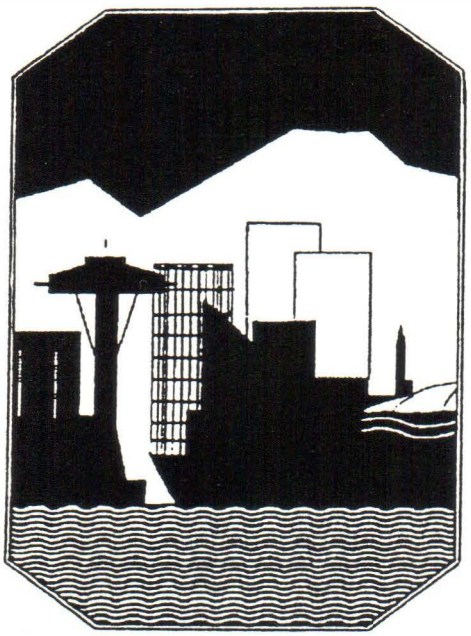

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Please send hotel reservations to:
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Or phone: (206) 246-8600
Room Rate: $79 per night (2 beds) per room (Add'l $15 for roll-away)
Please mention seminar to receive special rate.

✂ - - -

Contents

From the Editor

April showers bring forth May flowers – and we've a garden with a difference in Swatch Spot. Angie's exclusive design for us this month is inspired by gardens from the past and she's based her swatch on pictorial plans for gardens in the 17th century. You could use it for the whole front of a sweater for a stunning effect.

Jane, too, had half an eye on the weather this month. She waited for the clouds to roll away before gleaning her inspiration for Geometric Gallery from aircraft vapour trails in a clear, spring sky. You'll find some lovely, fresh colours in her samples to really put you in the mood for spring knitting.

We've spring green textures with a new look from Angela. This month, she shows you how to use a little shirring elastic to great effect in Finishing Touch and the first leaves of spring burst forth from Kamalini in the Language of Lace. She shows you how to knit three lovely lace edgings this month and you'll find them so easy with her expert instructions!

Now for something a little different! On page 24 are details of Camp Tuckanitslip 1993. It's a summer camp arranged by VWS, distributors of Silver Reed knitting machines in the USA. This will be the third annual event and I've joined them each year as their guest. It's a wonderful experience, in an idyllic setting with classes by America's machine knitting experts. For the last two years, there have also been teachers from Silver Seiko in Japan. It's very informal and great fun. This year, I wonder whether any of you would be interested in going over for the event? Nothing has been planned, but it wouldn't be too difficult to organise a group of MMK readers from the UK. If you think you might be interested in going over with me, drop me a line (as quickly as possible, please, because places are limited) and I'll make further enquiries.

Spring is such a lovely season. It's always full of new life and ideas and I'm sure you'll find lots to inspire you in the magazine this month. Happy knitting!

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Editor
Anne Smith

Advertising
Brenda Hughes
Tel: 0672 516749

Photography
Liz McAulay

Contributors
Angie Gibbons
Angela Gordon
Jane Huntingford
Kamalini Trentham

You can write to Modern Machine Knitting at the following address:
3 Bridge Avenue, Maidenhead,
Berkshire SL6 1RR.
Our telephone number is (0628) 770289.
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Knitline

We bring you all the latest news on products, services and events from around the country.

A BIG PLUS

1993 brings all handicrafts fans a real treat – the launch of

THE IDEAL KNIT AND STITCH SHOW

AT

ideal home plus

Yes, alongside the showhouse village of 27 room sets, innumerable stalls and stands and, this time, a 40 foot high Rocky Mountain shadowing its own Canadian gold mining town (you can even pan for gold) – this year The Daily Mail Ideal Home Exhibition offers all knitters and sewers the show that will really rivet their attention.

Based, together with the main exhibition, at Earls Court 2, THE IDEAL KNIT AND STITCH SHOW will have displays and demonstrations, workshops, fashion shows and every sort of advice centre for machines and state-of-the-art technologies. Tickets for the Show cost £7 each, or £4 for children and include entry to the Ideal Home Exhibition as well. But there's more. No need to pan for gold to raise your entrance fee, *Modern Machine Knitting* is giving you the chance to visit both shows for free, since we have 25 pairs of complimentary tickets to give away.

Just send us a postcard with your name and address and enjoy the chance to win TWO TICKETS worth £14. The address to apply to is: Ideal Home Plus Tickets, Modern Machine Knitting, 3 Bridge Avenue, Maidenhead, Berkshire SL6 1RR.

BLANKET COVERAGE

Many of you are already helping to concoct the World's Largest Blanket – featured in our November issue – but for those who missed it, here is an update.

The Knitting and Crochet Guild are planning to join hundreds of your individual blankets (they reckon that about 150,000 six-inch squares would only equal the current record) to make one Super-blanket in May at Dishforth Army Camp, North Yorkshire.

Later, the blankets will be spread over a wide range of needy causes – the aged, the homeless, children in the world's turmoils, hospices and medical foundations will feel the benefit of what you can do.

As we go to press we hold a list of needs, from advertising aids to wool, needles and knitters, transportation to the central point – and later to selected charities – and it's not too late to nominate your favourite cause, or make a donation towards admin costs.

Check the latest urgent requirements with the Appeal Co-ordinator, Gloria Buckley, on 0274 640860 or write to the Guild at PO Box 450, Bradford BD2 4DZ.

WELL BUTTONED UP

Bramwell really are helping you get your act together – their latest innovation is a range of buttons specially dyed to match each of their 70 shades of fourply – and with most of the shades repeating over the DK, Texas Chunky and Bramwool ranges, you should have no difficulty finding the perfect button-up for your Bramwell patterns.

These now include a series of pattern books by Carol Callow, of the Hertfordshire Knitting Centre, using various Bramwell yarns for her sweaters and cardigans:– 4 Ply Dropped Shoulder; 3 Ply Dropped Shoulder (Duo Magic); English Fisherman's Rib and the Family Chunky Collection, in Aran, Texas Chunky and Chunky Mohair. At £3.25 for each collection, they should be in your nearest Bramwell Stockist.

There is even a stockist in Italy now for Bramwool yarns and accessories – call in Italian on 0331 679 705, or, Jennifer Nowak of Varese tells us, you can hear a friendly English voice on 0331 842 052.

AMSTITCH '93

Or to give it its proper title, SINGER AMSTITCH '93, for once again Singer UK Ltd are sponsoring this National and International amateur dressmaker competition.

Five regional finals – open to all amateurs in four categories – will be followed later in the same September by a London UK final – with two winners having the chance to compete in the European Grand Final in October, on an all expenses paid visit.

As main sponsors, Singer UK Limited are providing some very exciting prizes; for details of these and for regional venues, either contact SM Distribution Ltd., the distributors of the quar-

A CHOICE COLLECTION

Four new handknitting leaflets from Emu, numbers 21656 to 21659, offer a range of Aran cardigans and sweaters not only in three sizes but also in both DK and Aran weights – so you can have the classic Aran look and traditional stitches with a lighter feel for summer. Suggested yarns are Emu's Cotton-on DK or Cottons-on Aran and for further details of their products and stockists, write to Robert Glew & Co. Ltd., Leeds Road, Greengates, Bradford BD10 9TE.

terly *Singer Magazine*, at 6 Leigham Court Road, Streatham, London SW16 2PG (Tel: 081-677 8111, extension 253) or collect a copy of the *Singer Magazine*, which also contains entry forms, from your nearest Singer Sewing Centre.

Now for the exciting part – the four categories!

Category A covers beginners, with less than two years' experience.

Category B is for those with over two years' experience.

Category C is open to parents or grandparents sewing for their children/grandchildren (up to a height of 152 centimetres/60 inches approximately).

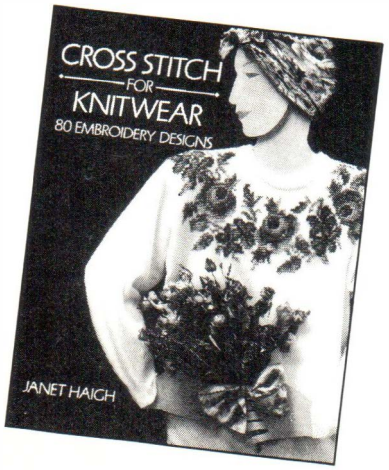
Category D is a special section for all dressmakers who wish to design garments especially for the fuller figure (women's UK size 16 and over, men's 46 inch chest and over).

Good luck!

Design Delights

For a whole new approach to designer detail, you could not better Janet Haigh's new book *'Cross Stitch for Knitwear'*. One of Britain's most talented embroiderers and kit-designers, Janet now offers over 80 designs, with comprehensive charts and instructions complemented by full colour photographs throughout, to turn plain knitwear into something very special.

A lot of the techniques are fairly simple – even a beginner can manage them – and whether you opt for small motifs or a large tapestry style floral, here is inspiration on every page. The cross stitch technique is especially interesting, with 'waste canvas' (obtainable from all good craft shops) positioned over the knitted fabric so that the design can be worked through both.



Then, when moistened, the canvas threads can be easily pulled away, leaving a stunning embroidery on the knitted surface (this also works with shop-bought sweatshirts).

The book is published by David & Charles (ISBN 0 7153 9929) and retails at £14.99.

Freebie Fashion Fun

You don't have to trudge from store to store now for new design inspirations; have a pleasant wander instead round two cost-free exhibitions next time you are in central London.

There is always something going on at the Royal Festival Hall Foyer Galleries, among the coffee shops and the bookstores, from ten in the morning till ten at night and from March 11th to April 18th their display of 1920s fashion and furnishing fabrics should prove to live up to its title – Ain't We Got Fun!

Original prints, new-technology fibres and dyes and High Fashion trend setters such as Chanel and the Prince of Wales launched styles in knitted jersey and Fair Isle which brought glamour to even the more everyday wardrobe and still influence us today.

However, if the Jazz Age is not quite your scene, turn your footsteps in July (22nd to, probably, 29th) towards the Crafts Council Gallery, to see what new ideas you can garner from their exhibition of CONTEMPORARY AMERICAN QUILTS. Many of you won't need to be told what a wealth of new concepts in creative patterning is coming out of this new-old craft skill – visit the Gallery, at 44a Pentonville Road, Islington, North London N1 9BY and be amazed. Opening hours are 11.00 am to 6.00 pm, Tuesday to Saturday and 2.00 – 6.00 pm on Sunday. Remember, they close all Monday.

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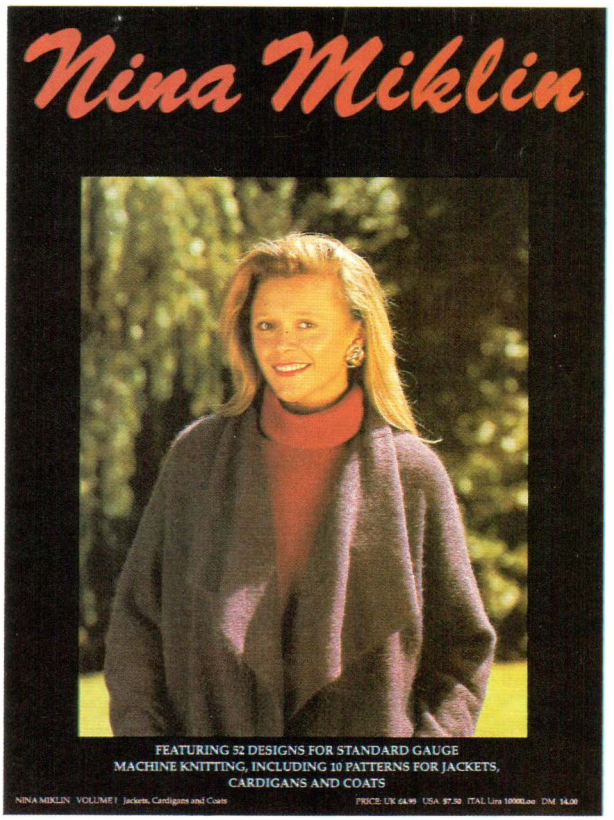
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HANDY JAROL

Jarol, the spinners who brought handknitters the DK Streetwise, have come up with a new Aran, 100% Acrylic, called Countrywise. In nine plain shades, plus two complementary fancy mixtures for contrasting detail, Countrywise is featured in 14 leaflets following Jarol's handy practice of including simple and more complicated versions of each design and though they're mainly for children, some of the patterns go up to a 40 inch size and may well please dashing adults.

Further information is available from Jarol Ltd., White Rose Mills, Cape Street, Canal Road, Bradford BD1 4RN.

THOMAS COMES TO HAND

Thomas the Tank Engine and his friends feature on a new range of handknitting patterns by Robin, in a series designed by Britt Allcroft.

Leaflets number 15280 to 15285, available from your Robin stockist, cover the 20-28 inch chest sizes with colourful sweaters and cardigans in Robin New World DK yarns – the ideal thing to cheer a chilly playtime.

A LONG AND WINDING LIST

The P.D.B. Engineering catalogue is out – and what a range of knitters aids is covered.

Everyone in the field knows of their yarn winders, which will tackle 125, 250 or 500 gram amounts at prices ranging from £44.95 to £99.95, but they also produce a 125 gram yarn twister at £79.95 or, to span the price scale, bobbins at £1.25.

Between, you can find a long list of British made accessories, designed to keep you happy with a guarantee period and a spares and repairs service after that, covering tension masts, pattern holders, various comb holders, a tool box and a clip on four-way yarn guide as well as more beside.

For further details contact P.D.B. Engineering Ltd., 51/53 Robert Street, Northampton. Tel: 0604 35937.

MMK CLUB DIRECTORY

To: The Editor, Modern Machine Knitting, 3 Bridge Avenue, Maidenhead, Berkshire SL6 1RR

Please enter our Club in the Modern Knitting Club Directory ☐

TICK

Please change our Club's entry to the following ☐

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Town .....

County ..... Postcode .....

Monthly date(s) of meetings .....

Time of meetings .....

Please include only one entry on this form and print the details on plain paper if you prefer not to cut your magazine. 20129

CLASSES & COURSES

From Scotland Ishbel Serriff writes to tell us of her hourly, daily and weekly tuition courses, set in her workroom overlooking Forfar Country Park. She has three Brother machines and a Knitmaster and can tailor her courses to meet the student's requirements, as she does with her correspondence courses.

Both are paced to suit the time available to a student, each stage of the latter being marked before the next is sent and the scheme sounds as comprehensive as Ishbel's brochures – contact her for these at **Knitting Matters,** 18 North Loch Road, Forfar, Tayside DD8 3LS, or call her on 0307 64660.

CROYDON, SURREY

Walkers Wools of 94, Church Street, Croydon, have changed their formula and instead of the regular quarterly seminars are offering days with a special theme of improving your Knitting Knowledge.

Dates concerned are

SINGER	3rd April
JONES/BROTHER	8th May
PASSAP/PFAFF	12th June

(We received the details too late to include the Silver Reed seminar day in February) and among the top specialist tutors agreeing to take part are Maggie Dyke, Liz Philo, Sue Woolley, Irene Kreiger and Janet Spink.

With numbers limited to forty and two tutors at least in attendance, these days promise to be heavily subscribed. The cost is £10, to include refreshments and a light lunch and all enquiries should be directed to Walkers Wools on 081-686 6792.

Designers **Jane Huntingford** and **Terry Armitstead** are popular speakers at clubs all across the country and now Terry, realising how much escalating costs can mean to a club, has come up with a suggestion to help club secretaries reduce the burden of expenses.

He offers his and Jane's services at a special rate to any club within fifty miles of a town where they are already booked to appear. Here is their list of Spring bookings, so if your club qualifies, do contact Terry on 0243 826125 or write to him at 16 Renoir Court, Fairlands Estate, Bognor Regis, West Sussex.

NORTHAMPTON	22nd – 26th March
SWANSEA	19th – 23rd April
MANCHESTER	10th – 14th May
BIRMINGHAM	17th – 21st May

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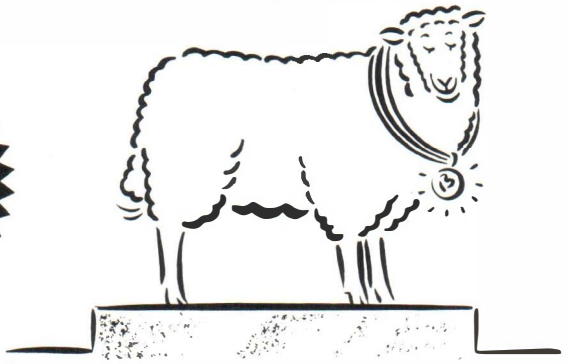

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3-ply Sirocco: 20% wool 80% acrylic

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Nina Miklin's

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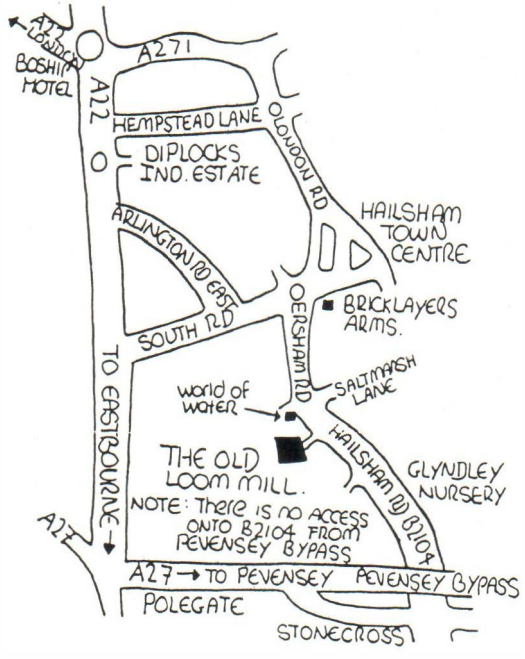

NEAREST RAILWAY STATION
Polegate

In addition to my workshop on *"Professional Finishing of Knitwear"* to be held on1st May '93 at the Old Loom Mill my complete range of exclusive Italian Designer Yarns will be on sale at the Mill Shop from Friday the 2nd to Sunday the 4th of April '93.

The latest collection includes a Cashmere/Wool blend and new for this season is a Silk/Wool blend and 100% Silk. All qualities are available in a wide range of colours including the latest fashion colours.

All garments featured in my Pattern Book Volume I will be on display as well as the designs published in Knitting Magazines together with some new unpublished designs.

I look forward to meeting you at the OLD LOOM MILL

Nina Miklin

THE OLD LOOM MILL, The Mill Shop, Mulbrooks Farm, Ersham Road, Hailsham, East Sussex BN27 2RH
OPENING HOURS: Monday to Saturday 9.00am - 5.00pm, Sunday 10.00am - 4.00pm

If you require any further information please telephone me on 071-286 1532
or Glynis at The Mill Shop on 0323 848007

Nina A. Miklin, 104 Biddulph Mansions, Elgin Avenue, London W9 1HU

The language of lace

Part 7 *by Kamalini Trentham*

So far, Kamalini has illustrated the way to translate a wide range of lace charts for use with the Silver Reed lace carriage. Here she continues with more edgings – this time some attractive vertical scallops.

In Part 6 we saw that knitting scallops is easy and is simply a matter of choosing the right pattern – a pattern that is based on a horizontal chevron. Once the pattern has been chosen there are no other manipulations required to achieve the effect. Vertical scallops can also be knitted in the same way by choosing a pattern based on a vertical chevron. For example, Sample 1 shows a vertical scallop based on a chevron illustrated in the pattern chart (note that this pattern is an elongated version of Sample 3 from Part 4). Sample 3, this month's quiz, is another example of a vertical chevron which produces a scallop.

Another method of creating scallops on the vertical edge requires hand manipulation of needles. With clever use of the pattern this can be limited simply to pushing a needle into or out of work. Sample 2 illustrates this method.

Note for Punchcard Machines: Punch only one horizontal repeat of the pattern.

SAMPLE 1

This sample of a leaf edging has a pattern repeat of 12 stitches. Cast on with waste yarn over 15 needles, 12 at the left of centre 0 and three on the right. The extra stitches provide a narrow stocking stitch band for attaching the edging. On electronic machines, set the left point cam to 12 and the right point cam to 0. Set the pattern width indicator to 12 and the N1 cam on needle 12 at left of 0.

SAMPLE 2

Although this mesh pattern is a 24 stitch repeat, it has 24 stitches only at its widest point. Using waste yarn, cast on 17 stitches, 12 at the left of centre and five at the right of centre. On electronic machines set the left and right point cams to 12 and the N1 cam to 12 at the left. Set the pattern width indicator to 24.

The scallop edge is knitted on the right side. Knit a few rows with waste yarn. As you will see from the pattern card, all transfer sequences start from the right. Bring one needle from A position to B (working) position before the start of each transfer sequence until you have 12 needles in working position on the right of centre and 24 needles altogether. The next and following transfer sequences will leave an empty needle at the right. Push this empty needle to A position before knitting the first row of the knitting sequence until you have only 17 needles at the left. This completes one repeat.

THIS MONTH'S TEST

Sample 3 is our Quiz pattern this month. Look at the pattern chart for this attractive edging – can you turn it into a pattern card? We will publish the correct solution in next month's Modern Machine Knitting. When you knit the sample, cast on with waste yarn over 12 needles at the left of centre 0. On electronic machines, set the left point cam to 12 and the right point cam to 0. Set the pattern width indicator to 12.

ADAPTATIONS

A close look at the pattern chart for Sample 1 shows that the pattern is made up of two distinct designs, a leaf pattern on stitches one to eight and a faggot mesh on stitches nine to twelve. The width and/or pattern of this edging can be easily changed by adding more stitches and either extending the faggot mesh or adding another design such as the ric-rac mesh used in the Quiz sample (refer to Part 1 of this series for the ric-rac mesh pattern card).

In principle, the maximum width of an edging is determined by the pattern repeat width which the knitting machine is able to handle. For electronic machines this could be any width but punchcard machines are limited to a maximum of 24 stitches. However, an edging can be made wider on a punchcard machine by knitting the required extra stitches in stocking stitch and using point cams to knit the pattern as a single motif.

Samples 2 and 3 can be altered to provide a totally new look by adding new designs and widening the pattern or by simply adding new lace designs in the existing stocking stitch areas. Try adding ric-rac mesh or the square mesh (Part 5 of this series) to Sample 2.

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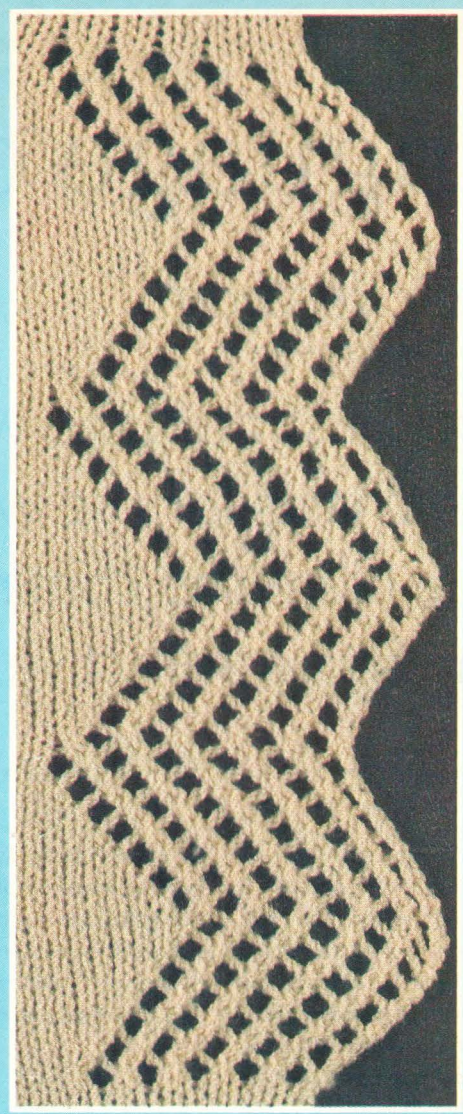
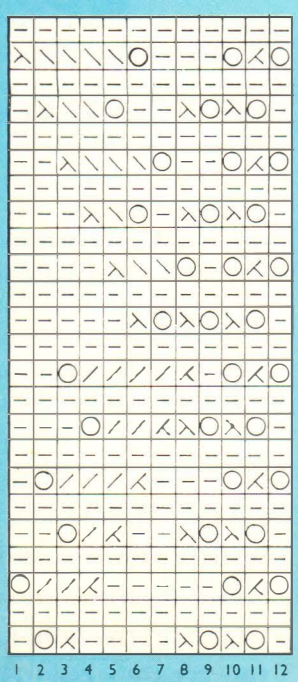
Next time we will look at medallions and half medallions to create pointed scallops.

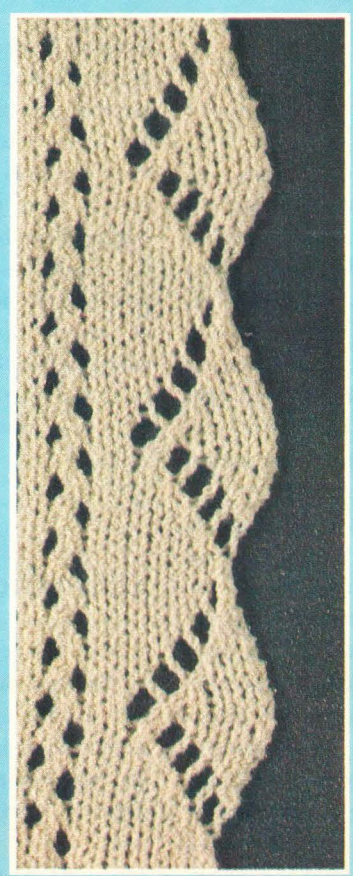
SAMPLE 1



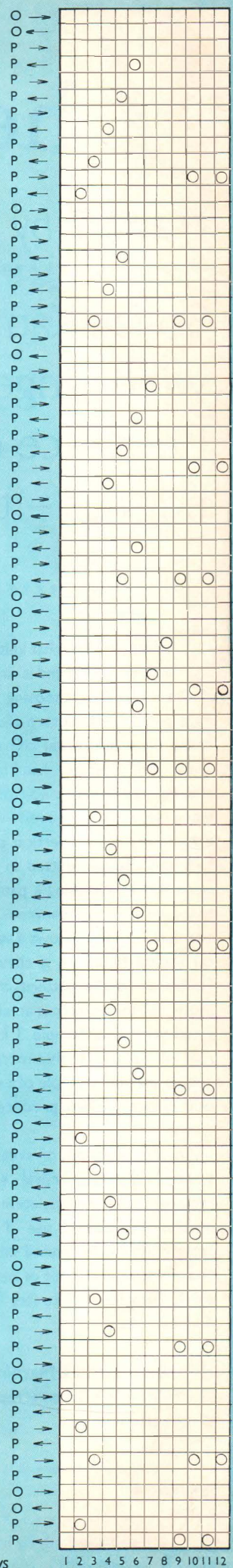
SAMPLE 2



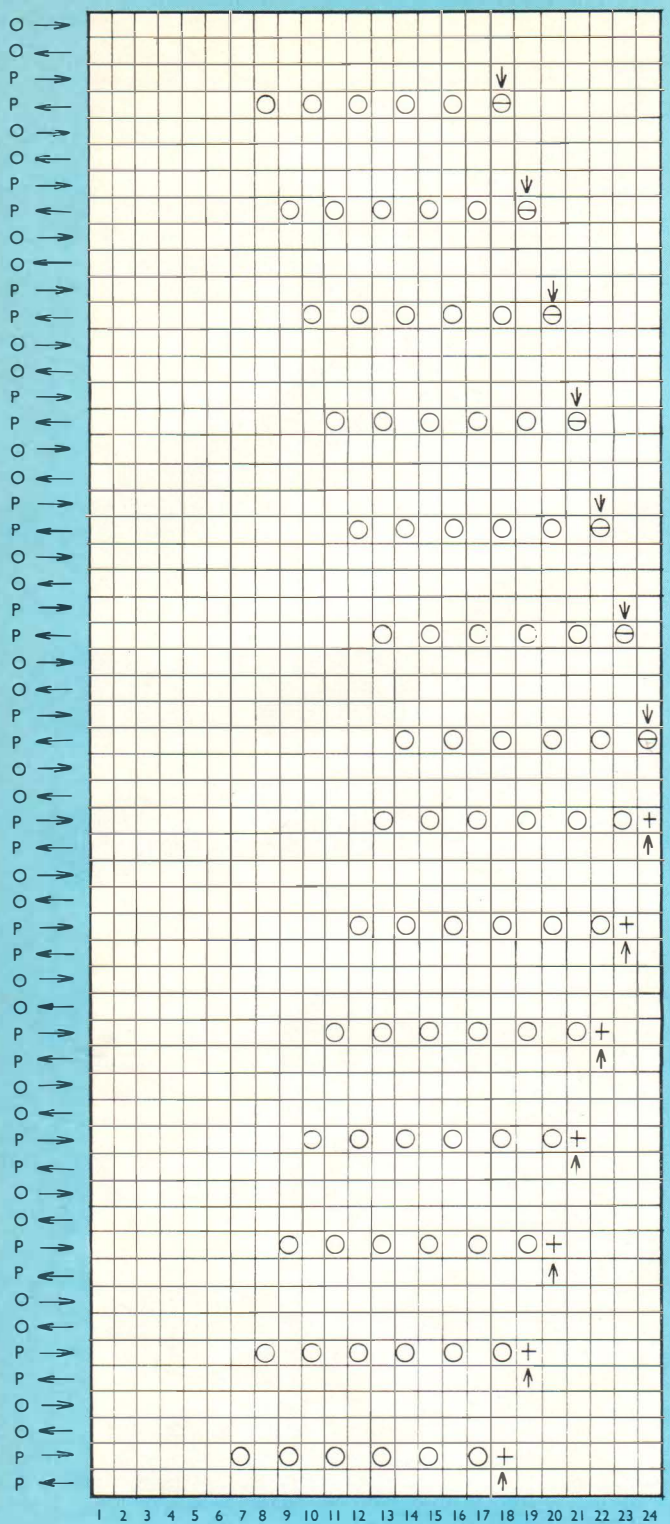
Pattern Chart for Sample 1
Pattern repeat 12 sts and 24 rows



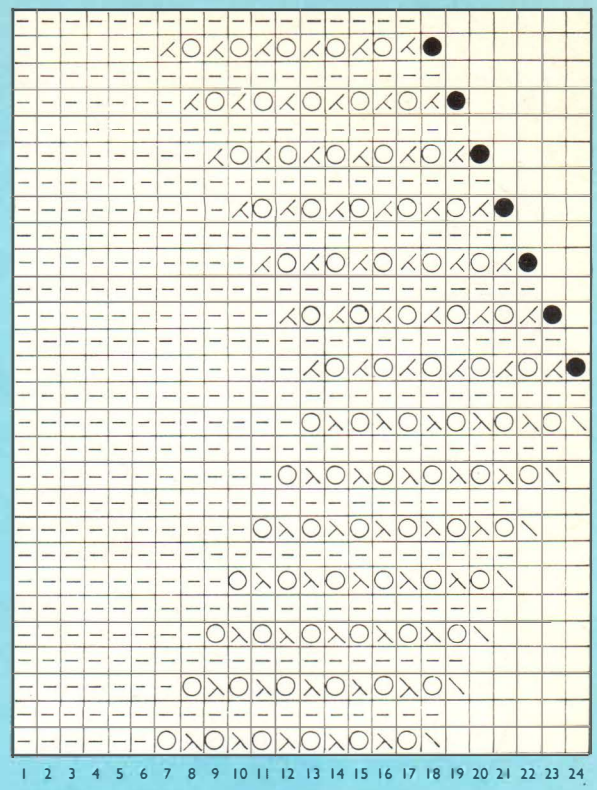
QUIZ PATTERN SAMPLE 3



Pattern Card for Sample 1
Pattern repeat 12 sts and 24 rows



Pattern Card for Sample 2
Pattern repeat 24 stitches and 28 rows



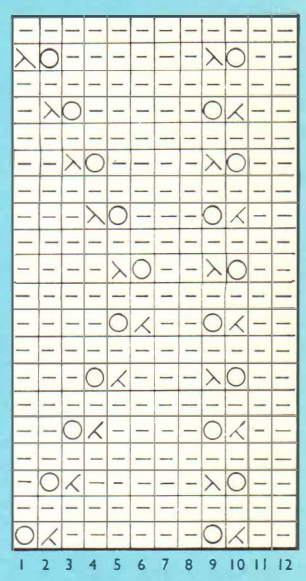
Pattern Chart for Sample 2
Pattern repeat 24 sts and 28 rows

= *Increased st (N brought to WP before the transfer row.*

= *Decreased st (N returned to A position after the transfer row)*

= *Bring this N to WP before the transfer row*

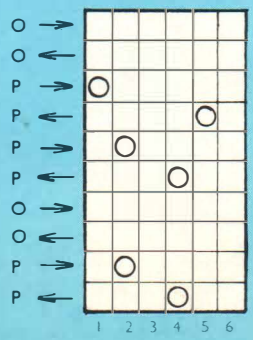
= *This is a marked st or punched hole. Return the empty N to A position after the transfer row.*



Quiz Pattern Chart for Sample 3
Pattern repeat 12 sts and 20 rows

LAST MONTH'S QUIZ SOLUTION

Here is the correct card for Sample 5 – check it with your version. Did you get it right?



Quiz Pattern Card Solution

STANDARD NOTATIONS

= *Purl stitch*

= *Hole (increase)*

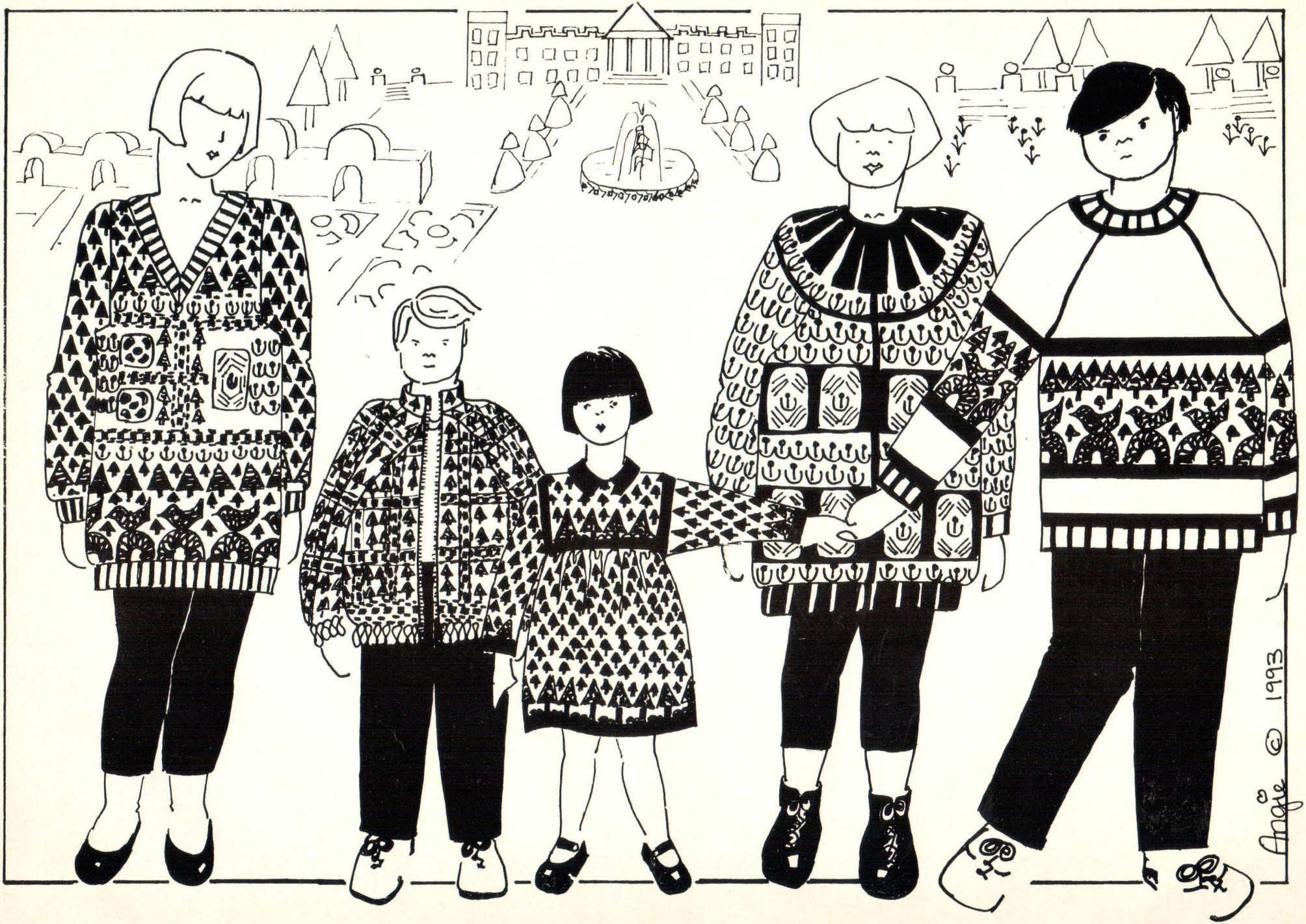
= *Stitch transferred to the right on a needle with a stitch. (i.e. 2 sts together on the right of the increase).*

= *Stitch transferred to the left on a needle with a stitch. (i.e. 2 sts together on the left of the increase).*

= *Stitch transferred to an empty needle on the right.*

= *Stitch transferred ta an empty needle on the left.*

= *Three stitches on a needle.*


Angie © 1993

The swatch spot

by Angie Knitwear by Design

Use Angie's knitted fabrics and design ideas as a source of inspiration for creating your own individual look. Her special swatch this month reflects garden designs from the past.

Castles and manor houses are among my favourite haunts in the spring and summer. They are a rich source of inspiration and the gardens that surround them are not only beautiful and peaceful, but reflect period garden design. Last winter there was a series on television about royal gardens, relating the architecture of the house to the surrounding gardens. The programmes illustrated how each garden was planned and laid out during each era of the Monarchy. Most of the gardens that we wander through today are a hotch-potch of these past times. Trees have grown to seclude areas that should have been open plan. Flower beds are teaming with every flower and plant available, the selection process of the past has given way to Victorian overcrowding. Huge tree-lined avenues survive along with mazes, knot gardens and topiary.

I have based the design for this month's swatch (which is large enough to represent the front of a sweater) on pictorial plans for gardens of the 17th century. These were often drawn out of perspective or scale so that even a tiny flower might be portrayed as being larger than a fully grown tree. Although the plan is drawn from a bird's eye view, the plants are shown standing up.

The swatch illustrates a combination of designs that can be used singly to create all-over or border patterns. I have combined them together to create a whole garden. The bird topiary and woodlands provide a strong border image. The central formal gardens (worked in sections) include the knot garden, a maze and flower beds, with tree lined pathways that lead to more distant woodland. The colours are muted and the background has been worked in one colour throughout. As the central area is worked in sections, different colour combinations can be created. The design is also a good base for Swiss darning, as used for the central maze tulip. The knot gardens were laid out in a variety of colours, so these too could be darned.

NOTES

Each section of the formal garden is worked by 'borrowing' an adjacent needle from either side to allow for sewing up. Needles will be borrowed as each section is worked. Where a 'borrowed' needle is required, slip the existing stitch loop on to waste yarn and place it on to the nearest needle in hold, leaving the 'borrowed' needle empty. Complete the instruction for the appropriate section and when pushing needles from HP (holding position) back to UWP (upper working position), return the stitch on waste yarn to its correct needle. The swatch knitting instruction does not include the above details.

The sections have been based on the repeat of the 24 stitch punchcard in relation to the needle bed, so that 12 stitches either side of centre 0 form one repeat. On Silver Reed machines the punchcard repeat is marked on the needle bed with a diamond symbol.

FABRIC INSTRUCTIONS

Yarns Used:

Bramwell Hobby (755) Beige.
Brockwell Yarns 2 ply shrink resistant Botany Wool (15) Ming.
Forsell 2 ply Pure New Wool (65) Teal; (50) Russett.
Forsell 2 ply Super Combed Cotton (710) Stone.
Col 1 – 1 strand Hobby (Beige) with 1 strand Cotton (Stone)
Col 2 – Teal wool used double
Col 3 – Ming Botany wool used double
Col 4 – Russet wool used double
Col 5 – Beige Hobby used double

SWATCH INSTRUCTIONS

Push 60 Ns at left and right of centre 0 to WP (120 Ns). Insert Card 1 and lock on row 1. Set carriage for stockinet. Using Col 1, cast on and knit 30 rows.
Release card 1 and set carriage for Fair Isle. With Col 1 in feeder 1 and Col 2 in feeder 2, knit 36 rows. Remove Card 1.
Insert Card 2, lock on row 1 and memorise. Release card 2. With Col 1 in feeder 1 and Col 2 in feeder 2, knit 18 rows. Remove Card 2.
Insert Card 3 and lock on row 11.
* Set carriage for stockinet. With Col 1 in feeder 1 only, knit 2 rows.++ Release card 3 and set carriage for Fair Isle. With Col 1 in feeder 1 and Col 3 in feeder 2, knit 6 rows. With Col 1 in feeder 1 and Col 4 in feeder 2, knit 4 rows.* Remove Card 3.
Insert Card 4 and lock on row 25. Repeat from * to ++. Release Card 4 and set carriage for Fair Isle. With Col 5 in feeder 1 and Col 3 in feeder 2, knit 8 rows. Remove Card 4.
Insert card 3 and lock on row 1. Set carriage for HP (hold). Set carriage for stockinet.

Divide for Sections:

Push all Ns except first 24 at right of needle bed to HP (section A in WP). + With WY in feeder 1 14 ▶

◀ 13

only, knit 4 rows.+ Push section A Ns to HP. Return section B Ns to WP. Repeat from + to +. Push section B Ns to HP. Cont to push each section to WP, repeating from + to + until all sections are on WY in HP.

SECTION A

Return section A Ns to WP and remove WY. ### With Col 5 in feeder 1 only, knit 4 rows. Release Card 3 and set carriage for Fair Isle. ## With Col 5 in feeder 1 and Col 3 in feeder 2, knit 6 rows. With Col 5 in feeder 1 and Col 4 in feeder 2, knit 4 rows. ## Repeat from ## to ## 3 more times. ### Remove Card 3. Insert Card 5 and lock on row 1.

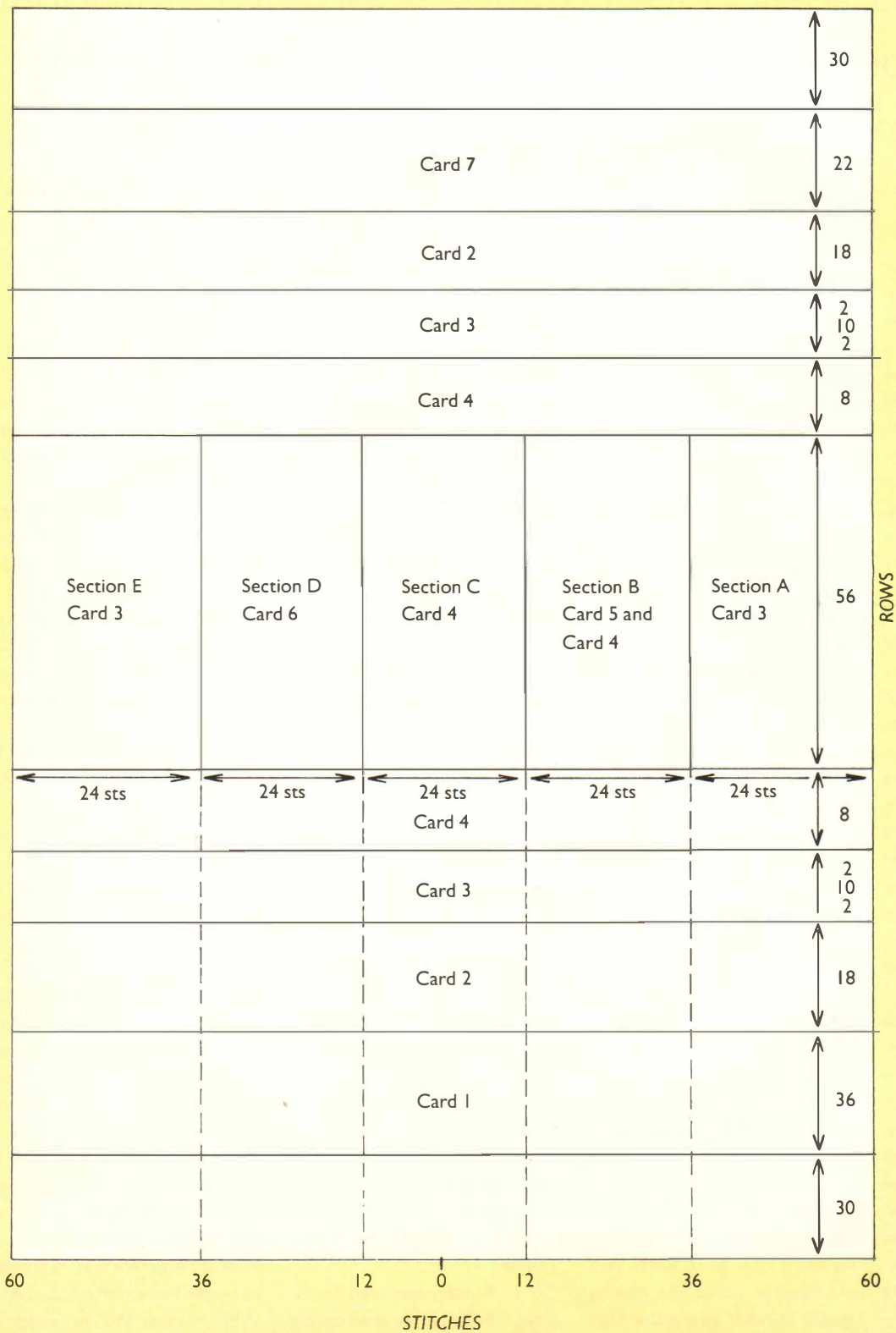
** Set carriage for stockinet. With Col 5 in feeder 1 only, knit 2 rows.** With WY in feeder 1 only, knit 4 rows. Push Ns to HP.

SECTION B

Return section B Ns to WP and remove WY. Release Card 5 and set carriage for Fair Isle. ++ With Col 5 in feeder 1 and Col 2 in feeder 2, knit 24 rows.++ Remove Card 5.

Insert Card 4, lock on row 25 and memorise. Release Card 4. With Col 5 in feeder 1 and Col 3 in feeder 2, knit 8 rows. Remove Card 4.

Wrong side of swatch facing as on needlebed



Insert Card 5, lock on row 1 and memorise. Release Card 5. Repeat from ++ to ++. Remove Card 5.

Insert Card 4 and lock on row 1. Set carriage for stockinet. With WY in feeder 1 only, knit 4 rows. Push Ns to HP.

SECTION C

Return section C Ns to WP and remove WY. Release card and set carriage for Fair Isle. With Col 5 in feeder 1 and Col 3 in feeder 2, knit 56 rows. Remove Card 4.

Insert Card 6 and lock on row 1. Set carriage for stockinet. With WY in feeder 1 only, knit 4 rows. Push Ns to HP.

SECTION D

Return section D Ns to WP and remove WY. ** With Col 5 in feeder 1 only, knit 10 rows.** Release card 6 and set carriage for Fair Isle. With Col 5 in feeder 1 and Col 2 in feeder 2, knit 36 rows. Remove Card 6.

Insert Card 3 and lock on row 1. Set carriage for stockinet. Repeat from ** to **. With WY in feeder 1 only, knit 4 rows. Push Ns to HP.

SECTION E

Return section E Ns to WP and remove WY. Work from ### to ### as section A. Remove Card 3.

Insert Card 4 and lock on row 25. Work from ** to ** in section A.

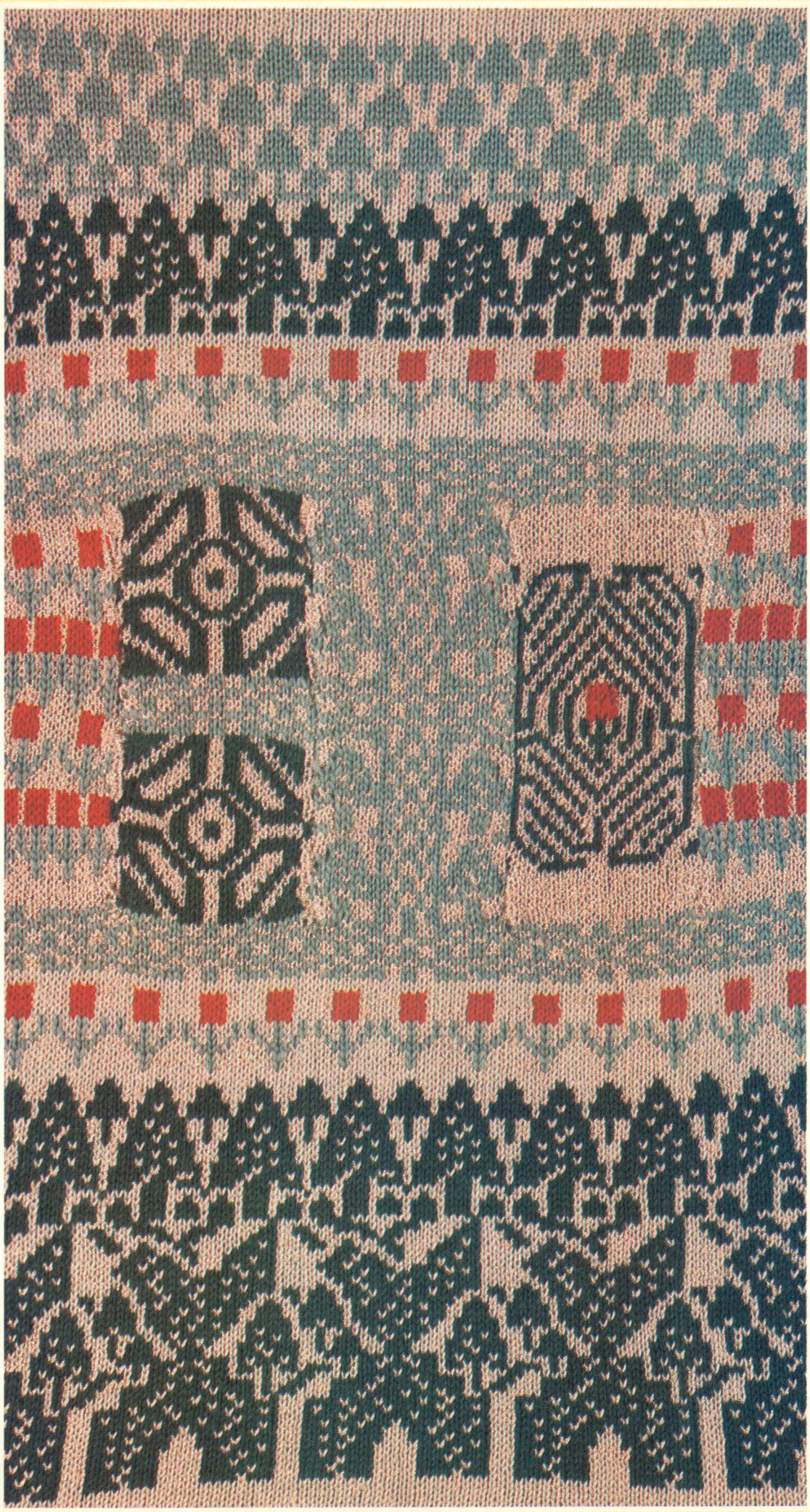
Joining Division:

Starting from right of needle bed, push each section back to WP and remove WY. The 'borrowed' Ns will each have 2 sts on them. Cancel HP setting and check that row 25 is memorised. Release card 4 and set carriage for Fair Isle. With Col 5 in feeder 1 and Col 3 in feeder 2, knit 8 rows. Remove Card 4.

Insert Card 3 and lock on row 11. Repeat from * to * as for first tulip row. Remove Card 3.

Insert Card 2 and lock on row 1. set carriage for stockinet. With Col 1 in feeder 1 only, knit 2 rows. Release card 2 and set car-

16 ▶

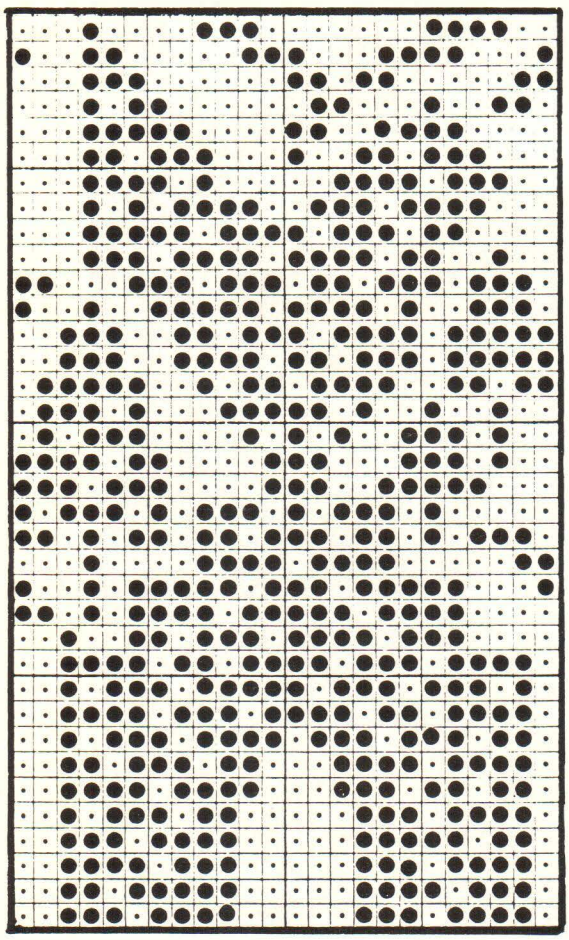


riage for Fair Isle. With Col 1 in feeder 1 and Col 2 in feeder 2, knit 18 rows. Remove Card 2.

Insert Card 7, lock on row 1 and memorise. Release card 7. With Col 1 in feeder 1 and Col 3 in feeder 2, knit 22 rows. Remove card 7 and set carriage for stockinet. With Col 1 in feeder 1 only, knit 30 rows and cast off.

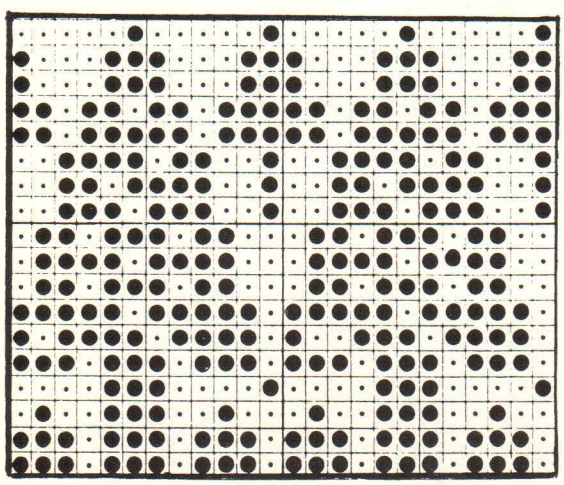
To Finish:

Using mattress stitch, sew up sections, working as flat a seam as possible. Sew in all ends. Swiss darn central tulip in maze. Give swatch a light steam, first on wrong side then on right side.



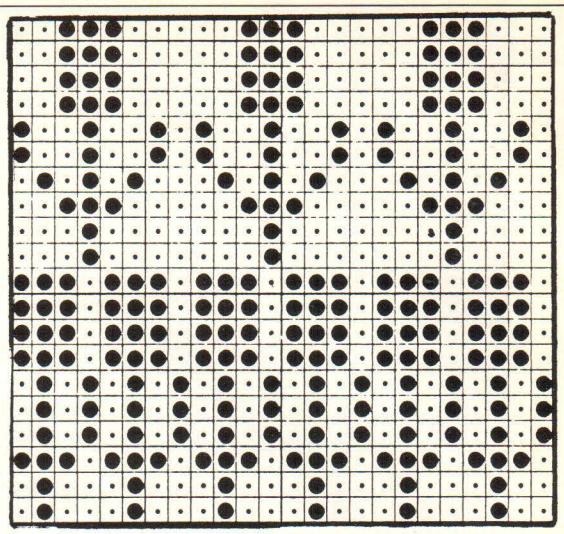
Card 1

Repeat = 24 sts and 36 rows



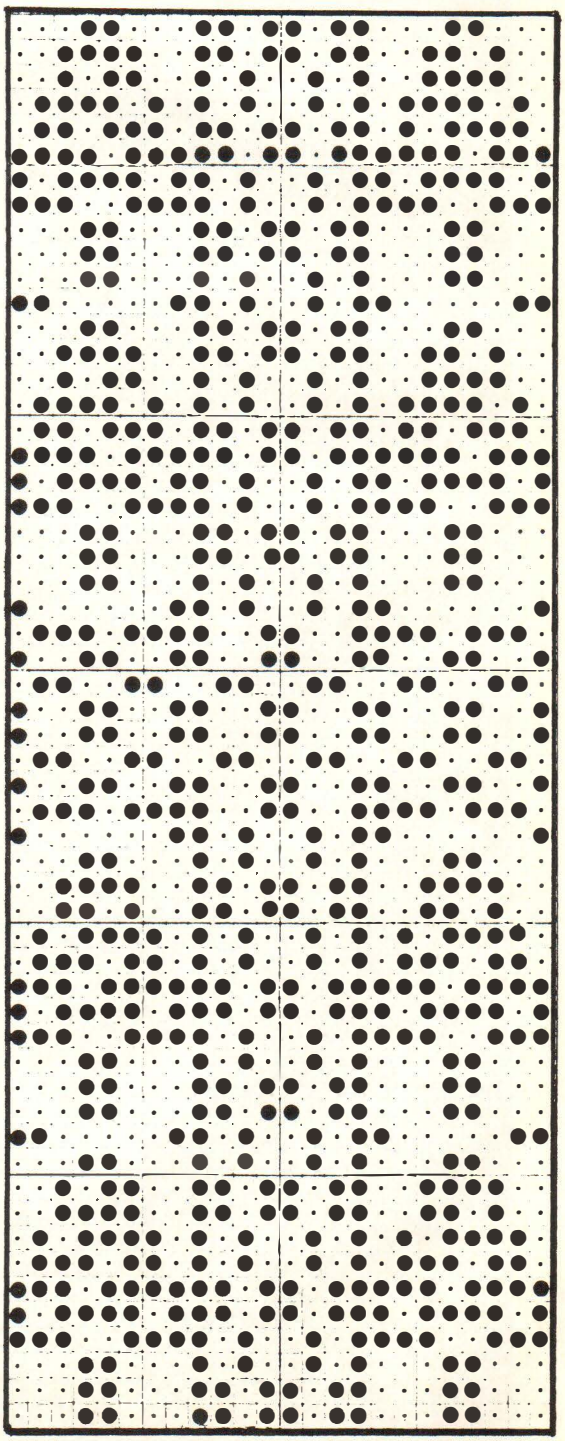
Card 2

Repeat = 24 sts and 18 rows



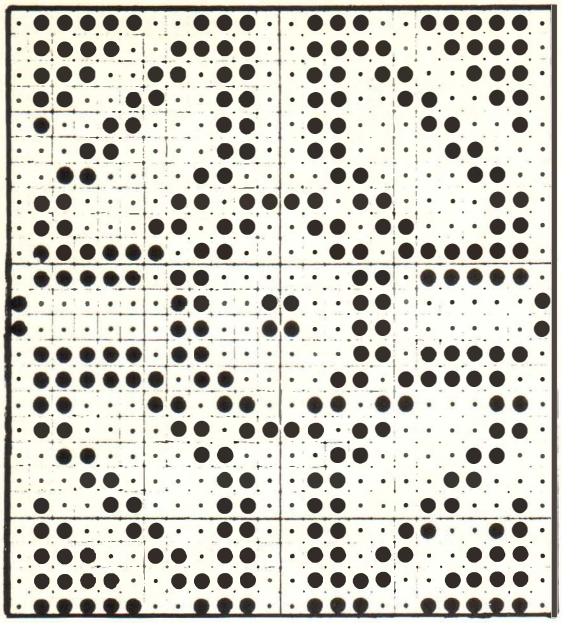
Card 3

Repeat = 8 sts and 20 rows (two repeats are needed for sections A and E)



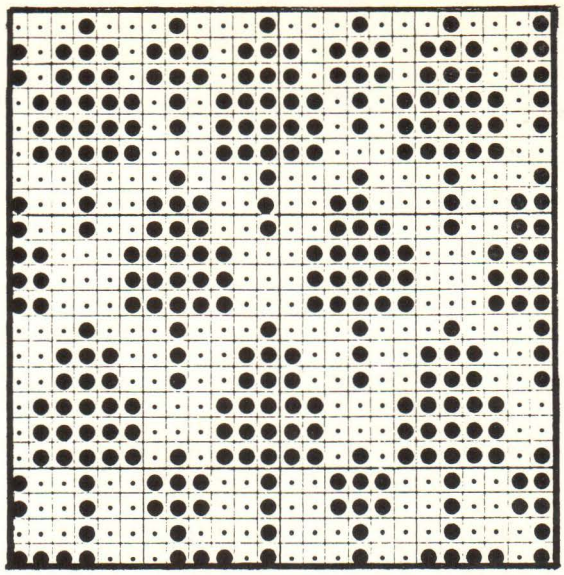
Card 4

Repeat: Tree = 8 sts and 12 rows; Horizontal Path = 24 sts and 8 rows



Card 5

Repeat = 24 sts and 24 rows



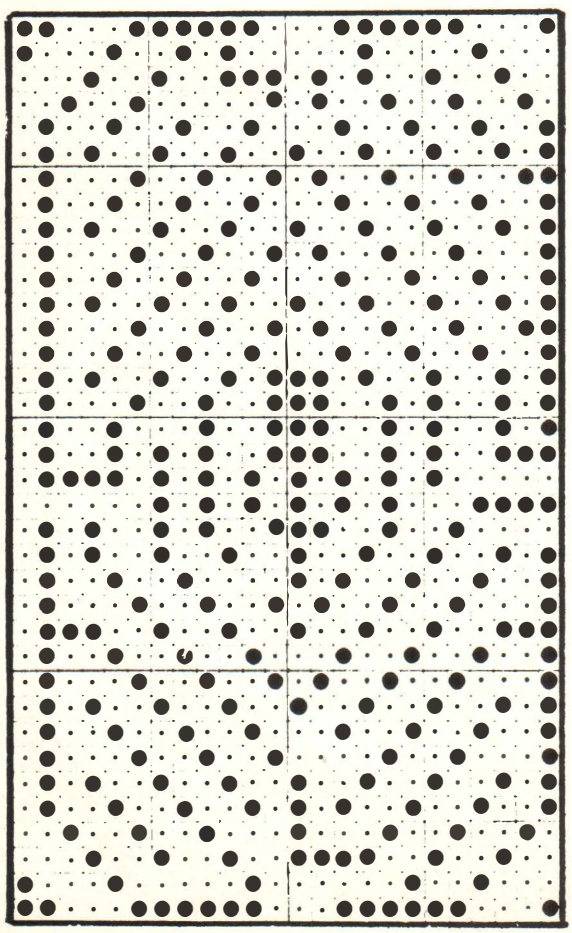
Card 7

Repeat = 24 sts and 22 rows

The swatch spot

by Angie Knitwear by Design

Angie is available to give talks to knitting clubs. For more information please telephone her on 0293 523805.



Card 6

Repeat = 24 sts and 36 rows

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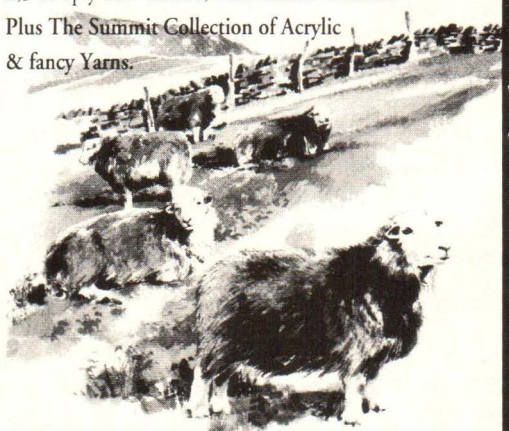

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HOLIDAY INSPIRATION

On my recent holiday at Butlins I sat glued to my chair for TWO hours – I was watching a machine knitting demonstration and found it absolutely 'brilliant'. I was totally amazed by what I had seen and came home talking of nothing else. Thinking he would shut me up, my husband went out and ordered a new Brother knitting machine, which I should be receiving shortly (hopefully).

NO! – it hasn't shut me up. I am now wading my way through all the knitting books I can lay my hands on. I am lucky as I know someone who I can turn to for help, if needed, but I also know where I will run to the most Yes, you've guessed – your *'Modern Machine Knitting'* magazine, which I find so full of ideas – helpful, cheerful and fashionable – with loads of useful addresses to write to for yarns and all the necessary bits and bobs.

Having inspired my machine knitting interest by starting with your October and November '92 issues, I now look forward to future issues and reading whatever you write. In fact, I must go now and read my current issue as the arrival of my machine is drawing near!

Marie Bailey,
Minster, Sheppey, Kent

QUICK TRANSFER

I'd like to thank you for publishing Christine Seward's letter (July issue) giving the address where sewing/overlocking threads can be bought cheaper than in the shops. I wrote to the Mill for their brochure and received it by return of post – a very good indicator of prompt attention so seldom found these days – I shall most certainly be sending them an order!

Whilst writing, I would like to give a mention to a time-saving tip which other *MMK* readers may not know. When transferring stitches from the ribber to the main bed (that is, without the use of a transfer carriage), push all the needles in use on the ribber up to 'D' position, using the flat edge of the needle pusher. It then only requires ONE action (downwards) with the double eyed bodkin to collect the stitch ready for transfer, thus saving the DOUBLE action of hooking the stitch and pulling the needle up before pushing it back down to release the stitch!

Eileen Fitzpatrick,
Keynsham, Bristol

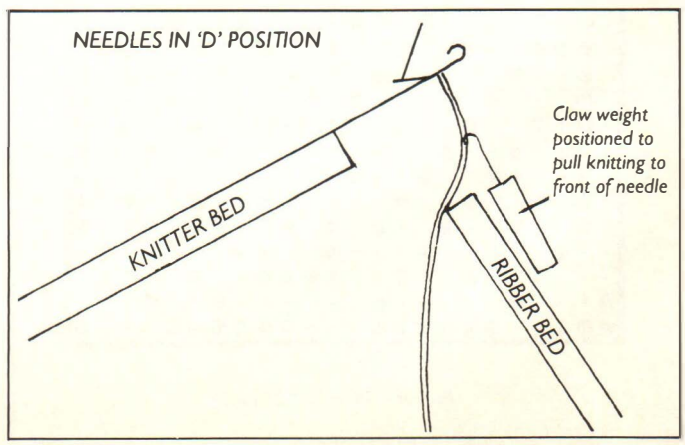
Thanks for the tip Eileen – there are many successful ways of cutting corners when it comes to the basic techniques – perhaps other readers would like to write in with some of their 'quick' methods? In case anyone missed the July issue, we'll repeat the address for the overlocking threads. It is Empress Mills (1927) Ltd, Empress Street, Colne, Lancashire BB8 9HU. (Tel: 0282 863181).

WEIGHTING TIP

I was knitting a circular yoke sweater the other day (one of my favourite patterns from an earlier edition of your magazine) and using a garter bar to make the multiple decreases on the yoke. Having experimented with various techniques, I prefer to transfer the stitches to be decreased to their adjoining needles before picking up the knitting on the garter bar. It is then easy to see when to move the bar as you replace the stitches on the reduced number of needles. I have my ribber in place (in the lowest position), consequently the knitter bed was tilted backwards and the weight of the sweater caused the stitches to slide back behind the needle latches as they were replaced from the garter bar, particularly at the sides.

To hold them in place, I attached the edge weights supplied for single bed knitting so that the weighted piece hung in front of the ribber, although the knitted fabric passed between the two beds as usual – see diagram. This worked very well and saved a lot of time. In this particular case, I found that one weight at each end was sufficient, though I can imagine circumstances in which I might have to bring the lace weights into play as well.

Judith Wood, Leyburn,
North Yorkshire



COPYING YOUR LACE CARDS

My tip was brought about after much time was spent searching for a punchcard design which I recalled seeing but at the time passed by for another. When I finally found it I discovered that the only plastic punchcards I had were three lace cards with arrows in the margins. I hesitated to use these in case I needed them for lace garments later.

After much deliberation I decided the answer was to copy a blank plastic card, or better still three plastic cards (the three lace ones), so off I went to have photocopies made. What I had not counted on was the small holes in the card (where we punch out the design) and that you cannot photograph space. However, still determined to try this idea out, and armed with my three cards – plus a piece of dark coloured gift wrapping paper, I made my second trip to the printers. This time the dark paper was placed on top of the cards – the result was a success. So I had the cards copied, two lengthwise full cards and three sideways for motifs or small designs. The fact that I used lace cards would mean that the paper copies could be used for both Fair Isle or lace designs. They were copied on to A4 size paper.

By using this method I can copy my chosen designs from the magazines straight on to these, instead of a plastic card and eventually build up a stock of various designs and when I need a pattern I only have to choose one from the set, place it behind a plastic card, fasten it in place with green plastic corner snaps and punch out where the design shows through. It also helps to write down details on the paper copy – stating which magazine the garment is in, yarn used and so on. I know from experience that there have been paper sets of patterns available from manufacturers but you have to buy the full set, even if there are only one or two designs you require. But by being able to choose your own sets, you only make and use the ones you like and at a much cheaper cost. I use the time in the evenings to copy out my designs. I find that it needs less concentration than knitting. Also I don't have any remarks about noisy machines when others are reading or watching TV.

To store my designs I prefer they are kept flat, so I am now on the trail of plastic bags which have one clear side, wrappers from cones of yarns and some veg and fruit bags are amongst my present trials. I cut a piece of cardboard 12 1/2 inches long by 5 1/2 inches wide approx (as this is about the size of a plastic card).

Place this inside bag, fold bag to wrap over, secure with a couple of pieces of sellotape – this will stop the wrapper from slipping about, and place paper copies inside with either a piece of paper or cardboard stating patterns inside – for example Fair Isle, motifs or whatever. At the present time mine are stored in a box which once contained packets of lard at our local supermarket – now you know why my family think I'm the one who invented recycling since it seems everything that comes into our home is eventually to be found in the knitting department doing a job other than what it was intended for

Sorry that my ideas have taken up so much room to describe, but if it can help other knitters the way it has helped me it will have been well worth writing.

All the best in 1993 to you and your staff.

Mrs N. Keeley, Sheffield, South Yorkshire

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Geometric gallery

by Jane Huntingford

Build up this exclusive and versatile collection of short float Fair Isle designs month by month for use on your favourite knitwear patterns. Jane's creative ideas are all based on geometric inspirations and can be used in a variety of ways to produce a really individual look.

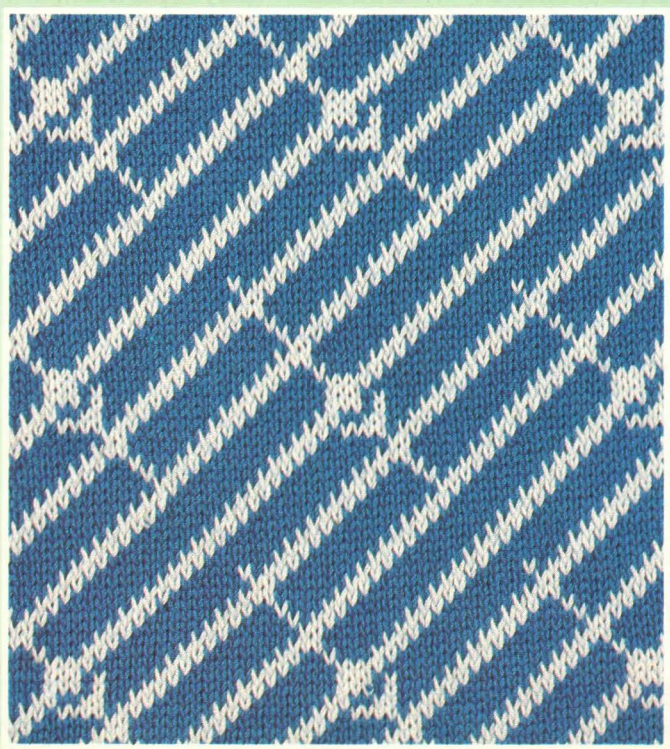
'SKYLINER'

'Skyliner' evolved from a rather unusual source of inspiration – patterns formed by vapour trails from aircraft as they travel across the crisp, early morning spring sky. The contrast of the white, misty lines interweaving against the bright blue above gave the impression of somebody having scribbled lines up there with a huge piece of chalk! From this I developed this month's geometric design.

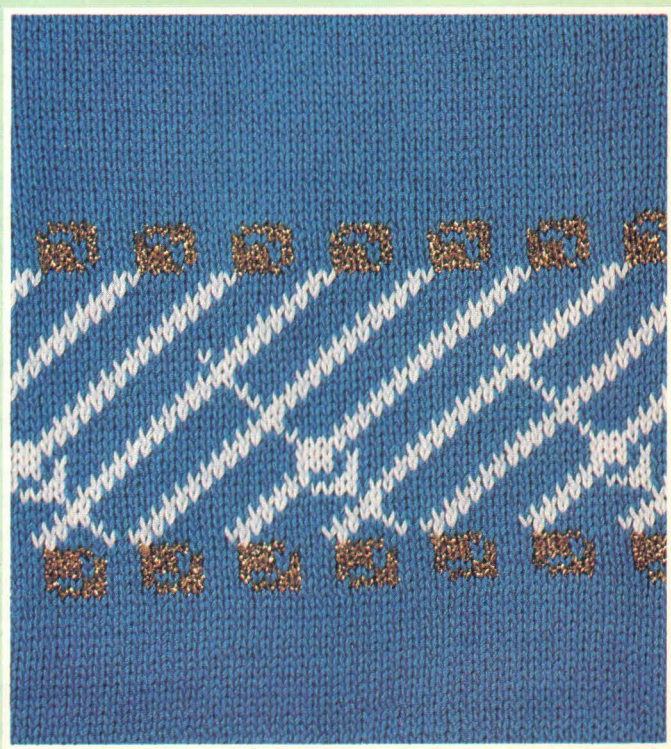
DESIGN IDEAS

'Skyliner' is an all-over geometric pattern which is suitable for 24 stitch punchcard and electronic machines. To complement the design I have included a border which looks equally effective used as a repeating pattern.

'Skyliner' is a bold, lively design



SAMPLE 1



SAMPLE 2

SAMPLE 3

SAMPLE 4

and lends itself for use on knitwear garments for members of the whole family. To enhance the prominent diagonal effect of the design, use two bold, contrasting colours such as jade with white; black with white and so on. For a subdued, subtle effect, try softer colour tones or use two shades of the same colour.

Create a stunning and dramatic effect for evening wear by using my favourite combination of black mercerised cotton (which has a very pleasant sheen), with gold Lurex as the contrast. The illustrated samples are knitted in Brockwell Yarns 4 ply Mercerised Cotton.

SAMPLE 1

(24 stitch Punchcard and Electronic Machines)

'Skyliner' design used as an all-over pattern in a 24 row repeat (Royal background: shade 637 with White contrast: shade 613).

SAMPLE 2

(24 stitch Punchcard and Electronic Machines)

'Skyliner' border design using the 34 row repeat once (colours as Sample 1 plus Gold Lurex Chainette contrast: shade 15).

SAMPLE 3

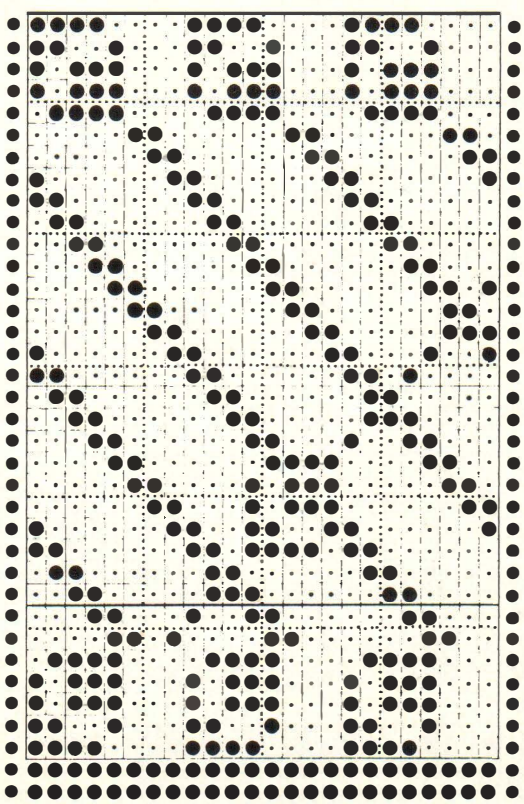
(24 stitch Punchcard and Electronic Machines)

'Skyliner' border design used as an all-over pattern (Jade background: shade 618 with White contrast: shade 613).

SAMPLE 4

(Electronic Machines)

'Skyliner' all-over design using the REFLECTION pattern variation facility – the point of contact between patterning is overlapped for one row (White background: shade 613 with Jade contrast: shade 618).



Punchcard Border Pattern

22 ▶

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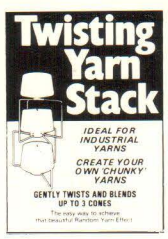

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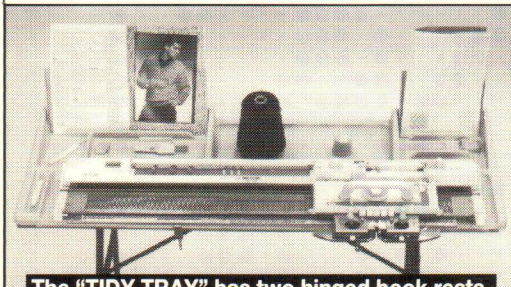

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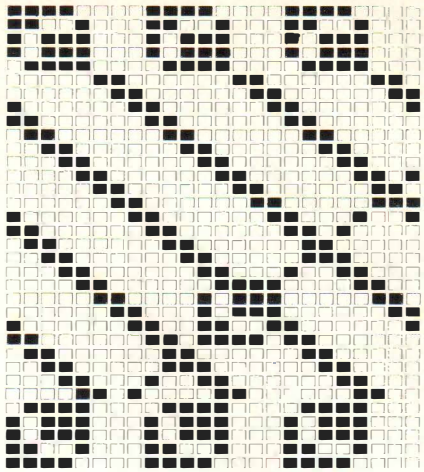
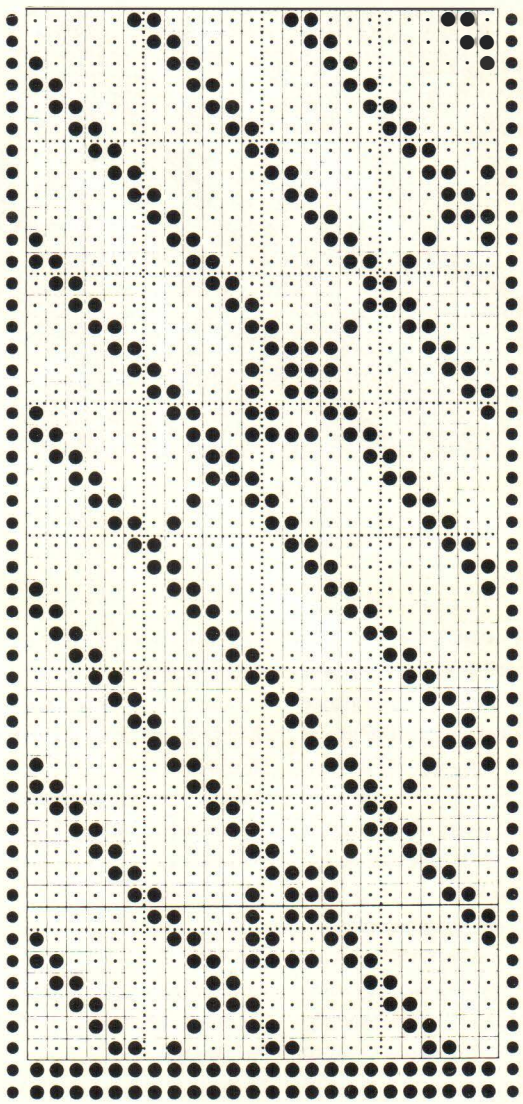
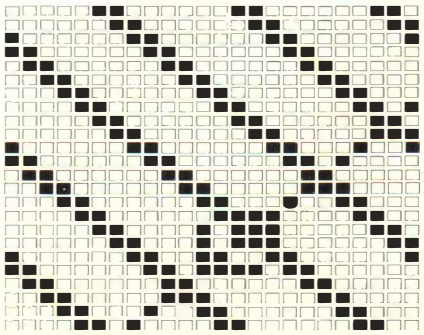


Electronic Border Repeat



Punchcard All-over Pattern



Electronic All-over Repeat

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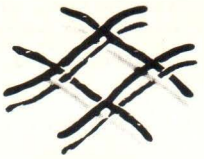

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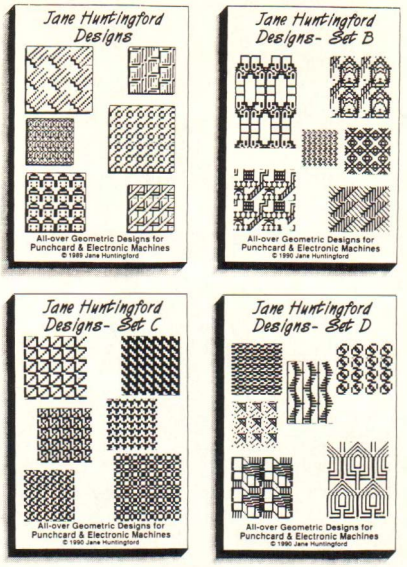
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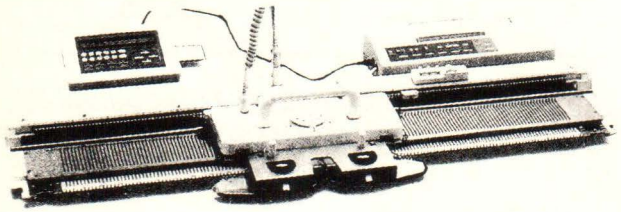

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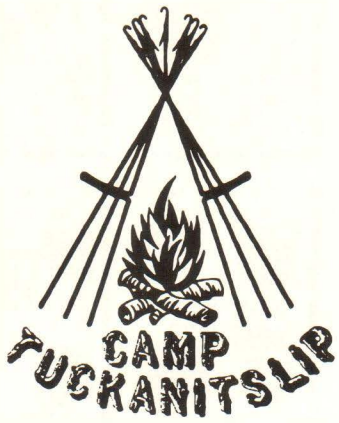

Summer Knitting Machine Seminar

Head for the Hills at Camp Tuckanitslip 1993

Camp Tuckanitslip is for all machine knitters, beginner's to advanced, no matter what kind of machine you own.

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For registration information contact your local Studio by White Dealer or call 1-800-367-0518. Brochures will be mailed after March 1, 1993.

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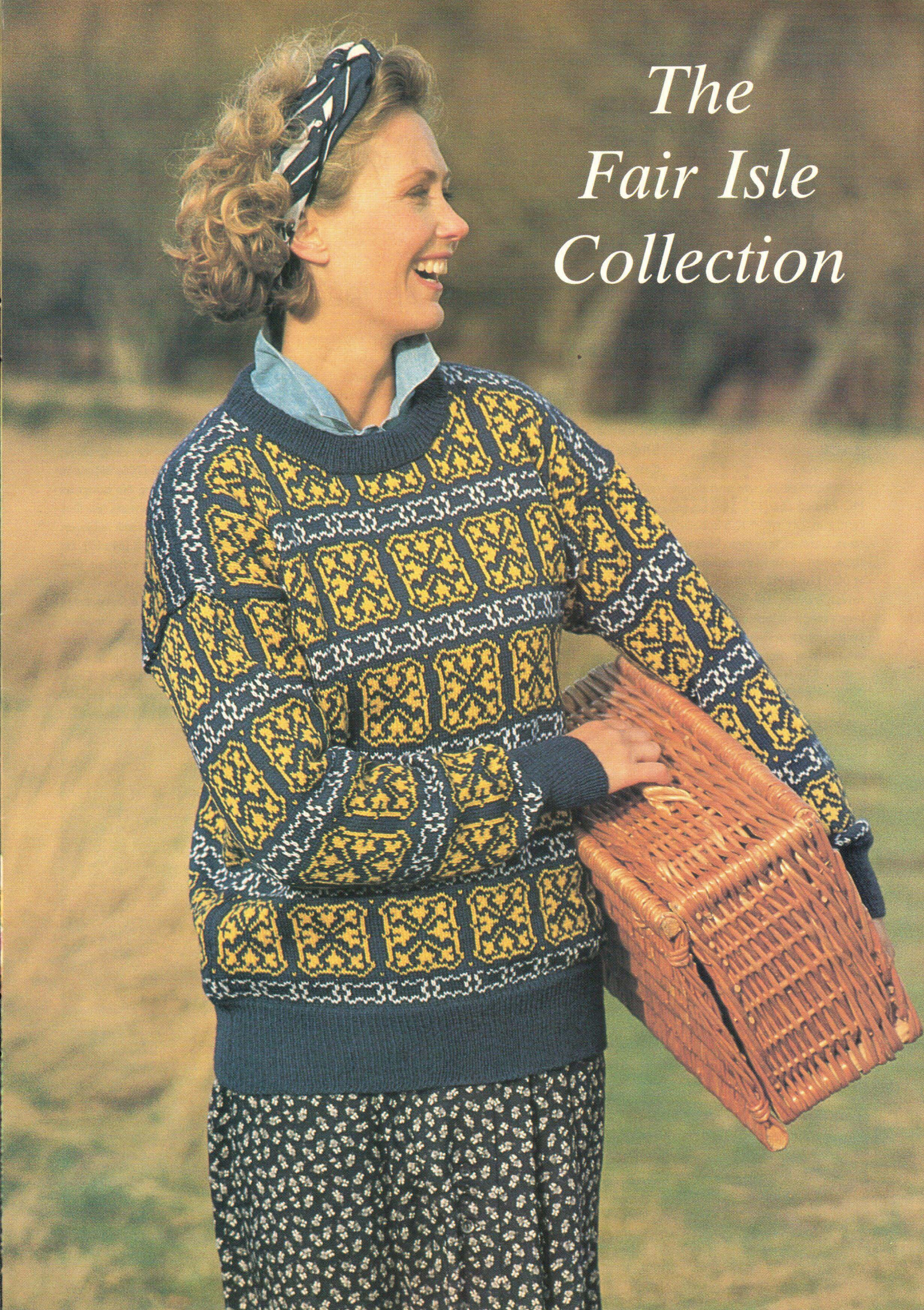

The
Fair Isle
Collection

Sunny contrasts

Sharp yellow gives a lively look to a casual sweater in pure new wool. Cheerful for spring, this bold Fair Isle will be great with summer's stronger colours.

BACK

With carriage at right and using MC, cast on 156 [172, 188] sts at centre in 1x1 rib. * K 5 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT–5/MT–5, K 36 rows. Transfer sts for st st *. Insert card and lock on first row. Take carriage across twice without knitting. Release card and cont in Fair Isle patt. Set RC at 000. Using MT, K 122 rows.

1st and 3rd Sizes
Shape Armholes
Cast off 4 sts at beg of next 2 rows. Dec 1 st at each end of every alt row until 144 [168] sts rem.

2nd Size
Place marker at each end.

All Sizes **
K 74 [80, 66] rows. RC shows 202. Push 43 [57, 55] Ns at left and right to HP. Using WY, K a few rows in st st over centre 58 Ns and release from machine. Push 43 [57, 55] Ns at right from HP to UWP. Using WY, K a few rows and release from machine. Push 43 [57, 55] Ns at left from HP to UWP. Using WY, K a few rows and release from machine.

FRONT

Work as for back to **. K 46 [52, 38] rows. 28 rows less have been worked to shoulder than on back.

Shape Neck
Note patt row on card. Using nylon cord, K 86 [100, 98] sts at left by hand taking Ns down to NWP. Cont on rem sts for first side. Dec 1 st at neck edge on every row until 47 [61, 59] sts rem, then on every foll alt row until 43 [57, 55] sts rem. K 9 rows. Using WY, K a few rows in st st and release from machine. With carriage at right, unravel nylon cord over 28 Ns at right bringing Ns back to WP. Using WY, K a few rows and release

PATTERN RATING
** Fairly easy for knitters with some experience.

MACHINES
This pattern is suitable for standard gauge punchcard or electronic machines with a ribber.
If you don't have a ribber, work ribs in mock rib as last page.

MATERIALS
King Cole Anti-Tickle 4-ply.
1 x 500g cone in French Navy (MC).
1 x 500g cone in Gold (A).
2 [2, 3] x 50g balls in White (B).

GARMENT WEIGHT
Finished garment in second size weighs 535g.

The fibre content of this yarn is 100% Pure New Wool. For further information about this yarn, please write to the following address:- King Cole Ltd., Merrie Mills, Old Souls Way, Bingley, West Yorkshire BD16 2AX.

ABBREVIATIONS AND YARN THICKNESS
See information on last page. For thickness, Yarn Guide equivalent is Medium, 4 ply.

MEASUREMENTS
To fit bust 87-92 [97-102, 107-112] cm, 34-36 [38-40, 42-44] in.
Actual size 102 [113, 124] cm, 40 [44½, 49] in.
Length to shoulder 65.5 cm, 26 in.
Sleeve seam 49 [51, 50] cm, 19½ [20, 20] in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION
30 stitches and 35 rows to 10 cm, 4 in measured over Fair Isle pattern (tension dial approximately 8•).
For perfect results, please check your tension carefully.

KNITTING NOTES
We used knit side of knitting as right side of garment.
Punch card, as shown, or fill in pattern card using punchcard as guide before starting to knit. (Chart 1 is for 1st size and Chart 2 for 2nd and 3rd sizes.)
Knit two colour Fair Isle rows with first colour given in back feeder 1 to knit background and second colour given in front feeder 2 to knit contrast pattern.

Electronic Machines
Place needle 1 cam between Ns 12 and 13 at left of centre 0. Press button 1 (left light on) and button 2 (left light on for 580 and SK 840 machines, right light on for other models).

Fair Isle Pattern
K 2 rows MC only (st st), 8 rows MC/B, 2 rows MC only (st st) and 26 rows MC/A. These 38 rows form pattern.

pattern 1

from machine. With carriage at right, unravel nylon cord over rem Ns bringing Ns back to WP. Lock card on number previously noted. Take carriage to left without knitting. Release card and cont in Fair Isle patt. Finish to correspond with first side, reversing shapings.

SLEEVES

With carriage at right and using MC, cast on 70 sts at centre in 1x1 rib. Work as for back from * to *. Insert card and lock on first row. Take carriage across twice without knitting. Release card and cont in Fair Isle patt. Set RC at 000. Using MT, shape sides by inc 1 st at each end of every row until there are 90 sts, then on every foll 4th row until there are 110 sts, then on every foll 6th row until there are 140 sts. K 4 [12, 8] rows. RC shows 144 [152, 148].

1st and 3rd Sizes

Place marker at each end. K 4 rows. Dec 1 st at each end of every alt row until 136 [128] sts rem.

All Sizes

RC shows 152 [152, 164]. Cast off.

TO JOIN RIGHT SHOULDER

Push 43 [57, 55] Ns to WP. With K side of right back shoulder facing, replace sts on to Ns. With P side of right front shoulder facing, replace sts on to same Ns. Unravel WY. Using MT and MC, K 1 row. Cast off.

NECKBAND

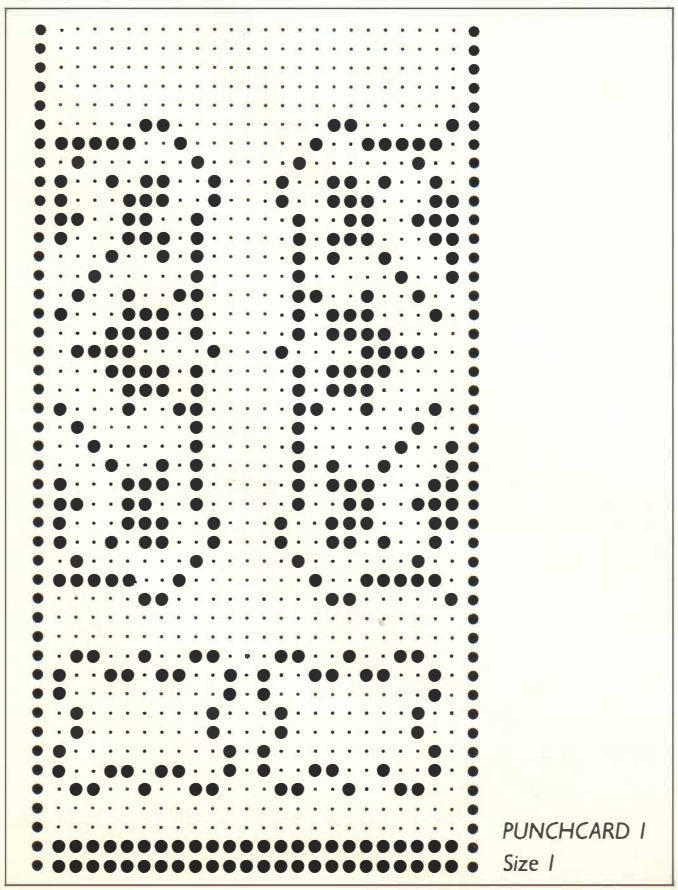
Push 164 Ns to WP. With K side facing, pick up sts around neck edge and place on to Ns. Unravel WY. Set RC at 000. Using MT and MC, K 1 row. Transfer sts for 1x1 rib. Using MT–4/MT–4, K 24 rows. Transfer sts for st st. Using MT, K 1 row. Using WY, K a few rows and release from machine.

TO JOIN LEFT SHOULDER

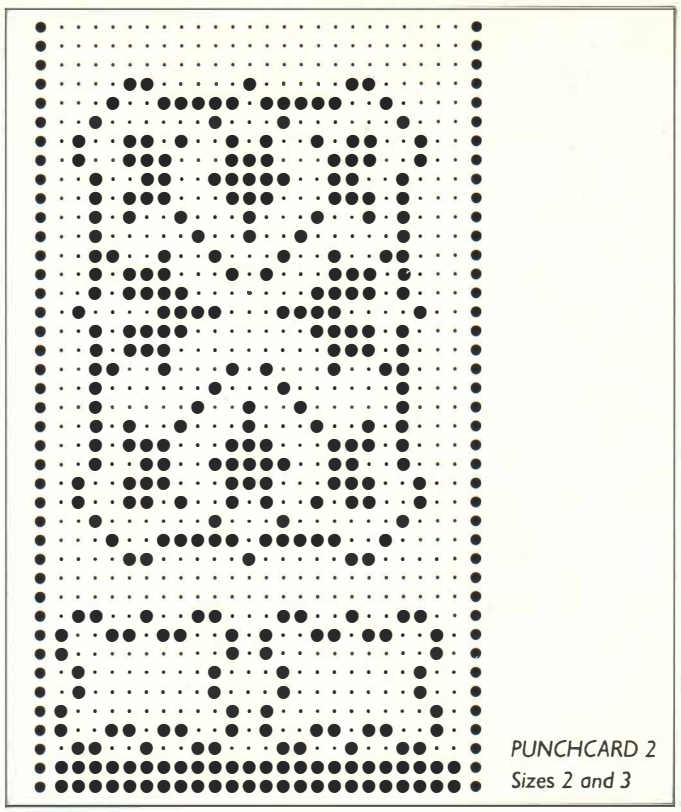
Work as for right shoulder reading left for right.

PRESSING

With wrong side facing, pin out all pieces to measurements given.



PUNCHCARD 1
Size 1



PUNCHCARD 2
Sizes 2 and 3

Press carefully following instructions on cone band.

MAKING UP

1st and 3rd Sizes

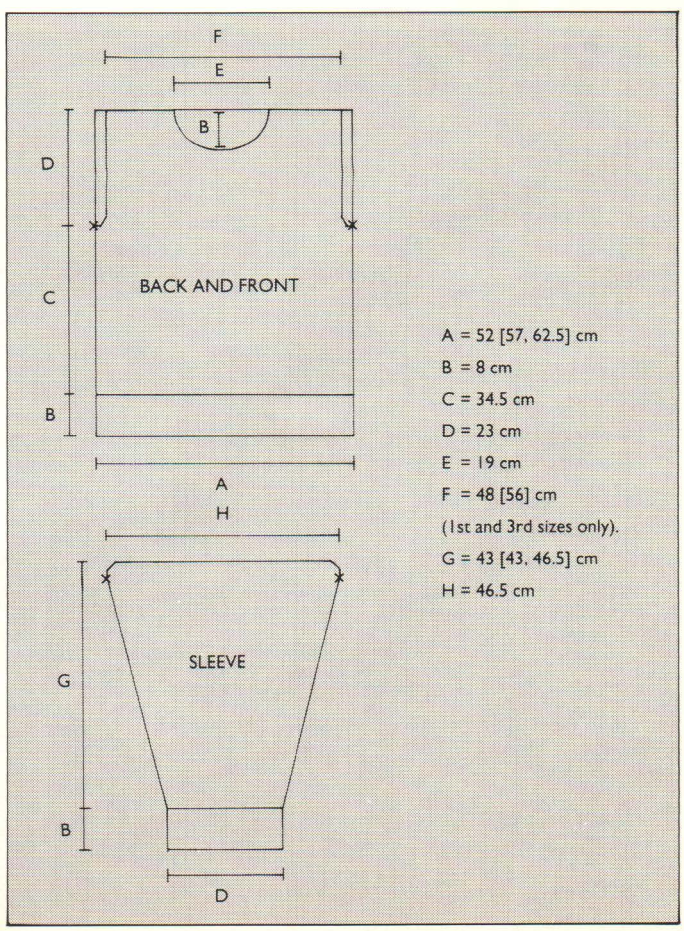
Set in sleeves, sewing rows above markers to cast off sts at armholes.

2nd Size

Set in sleeves between markers.

All Sizes

Join side, sleeve and neckband seams. Fold neckband in half to right side and pin in position. Unravelling WY as required, backstitch through open loops of last row worked in MC.



Tartan influence

The colouring is clear-cut for spring, the yarn is cooler cotton but there's a definite feeling of tartan in the woven effect of this block pattern.

BACK

With carriage at right and using MC, cast on 158 [174, 188] sts at centre in 1x1 rib. K 5 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT–5/MT–5, K 34 rows. Transfer sts for st st. Insert card and lock on first row. Take carriage across twice without knitting. Release card and cont in Fair Isle patt. Set RC at 000. Using MT, K 110 rows. Place marker at each end *. K 86 rows. RC shows 196. Push 52 [60, 65] Ns at left and right to HP. Using WY, K a few rows in st st over centre 54 [54, 58] Ns and release from machine. Push 52 [60, 65] Ns at right from HP to UWP. Using WY, K a few rows and release from machine. Push 52 [60, 65] Ns at left from HP to UWP. Using WY, K a few rows and release from machine.

FRONT

Work as for back to *. K 60 rows. 26 rows less have been worked to shoulder than on back.

Shape Neck

Note patt row on card. Using nylon cord, K 90 [98, 107] sts at left by hand taking Ns down to NWP. Cont on rem sts for first side. Dec 1 st at neck edge of every row until 52 [60, 65] sts rem. K 10 rows. Using WY, K a few rows in st st and release from machine. With carriage at right, unravel nylon cord over 22 [22, 26] Ns at right bringing Ns back to WP. Using WY, K a few rows and release from machine. With carriage at right, unravel nylon cord over rem Ns bringing Ns back to WP. Lock card on number previously noted. Take carriage to left without knitting. Release card and cont in Fair Isle patt. Finish to correspond with first side, reversing shapings.

SLEEVES

With carriage at right and using MC, cast on 78 sts at centre in 1x1 rib. K 5 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT–5/MT–5, K 31 rows. Transfer sts for st st. Using MT, K 1 row. Using WY, K a few rows and release from machine. Push 86 Ns at centre to WP. With carriage at right and P side of st st facing, replace sts on to Ns inc 30 ▶

pattern 2

PATTERN RATING
** Fairly easy for knitters with some experience.

MACHINES
This pattern is suitable for standard gauge punchcard or electronic machines with a ribber.
If you don't have a ribber, work ribs in mock rib as last page.

MATERIALS
Brockwell 4-ply Plain Cotton.
1 x 500g cone in Light Blue (MC).
1 x 300 [300, 350]g cone in Yellow (C).

GARMENT WEIGHT
Finished garment in second size weighs 650g and third size weighs 695g.

The fibre content of this yarn is 100% Cotton. For further information about this yarn, please write to the following address:- Brockwell Yarns, S. & J. Andrews (WY) Ltd., Stansfield Mill, Stansfield Mill Lane, Triangle, Sowerby Bridge, West Yorkshire HX6 3LZ.

ABBREVIATIONS AND YARN THICKNESS
See information on last page. For thickness, Yarn Guide equivalent is Medium, 4-ply.

MEASUREMENTS
To fit bust 87-92 [97-102, 107-112] cm, 34-36 [38-40, 42-44] in.
Actual size 104 [114, 124] cm, 41 [45, 49] in.
Length to shoulder 67 cm, 26 1/2 in.
Sleeve seam 49 [50.5, 51.5] cm, 19 1/2 [20, 20 1/2] in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION
30 stitches and 33 rows to 10 cm, 4 in measured over Fair Isle pattern (tension dial approximately 8).
For perfect results, please check your tension carefully.

KNITTING NOTES
We used knit side of knitting as right side of garment.
Punch card, as shown, or fill in pattern card using punchcard as a guide, before starting to knit.
Knit two colour Fair Isle rows with first colour given in back feeder 1 to knit background and second colour given in front feeder 2 to knit contrast pattern.

Electronic Machines
Place needle 1 cam between Ns 12 and 13 at left of centre 0. Press button 1 (left light on) and button 2 (left light on for 580 and SK 840 machines, right light on for other models).

Fair Isle Pattern
K 2 rows MC only (st st) and 24 rows MC/C. These 26 rows form pattern.

pattern 2

Tartan influence

◀ 29

evenly. Insert card and lock on 7th [3rd, 25th] row. Take carriage across twice without knitting. Release card and cont in Fair Isle patt (starting with 7th [3rd, 25th] row). Set RC at 000. Using MT, shape sides by inc 1 st at each end of every alt row until there are 110 sts, then on every foll 4th row until there are 138 sts, then on every foll 6th row until there are 156 sts. K 4 [8, 12] rows. RC shows 138 [142, 146]. Cast off.

TO JOIN RIGHT SHOULDER

Push 52 [60, 65] Ns to WP. With K side of right back shoulder facing, replace sts on to Ns. With P side of right front shoulder facing, replace sts on to same Ns. Unravel WY. Using MT and MC, K 1 row. Cast off.

NECKBAND

Push 144 [144, 154] Ns to WP. With K side facing, pick up 144 [144, 154] sts around neck edge and place on to Ns. Unravel WY. Set RC at 000. Using MT and MC, K 1 row. Transfer sts for 1x1 rib. Using MT–4/MT–4, K 28 rows. Transfer sts for st st. Using MT, K 1 row. Using WY, K a few rows and release from machine.

TO JOIN LEFT SHOULDER

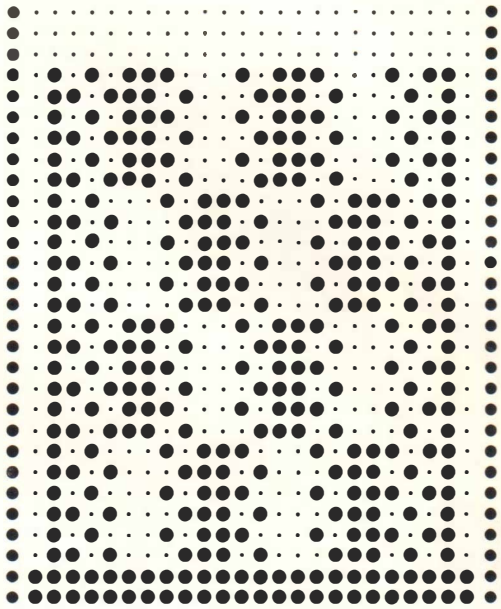
Work as for right shoulder, reading left for right.

PRESSING

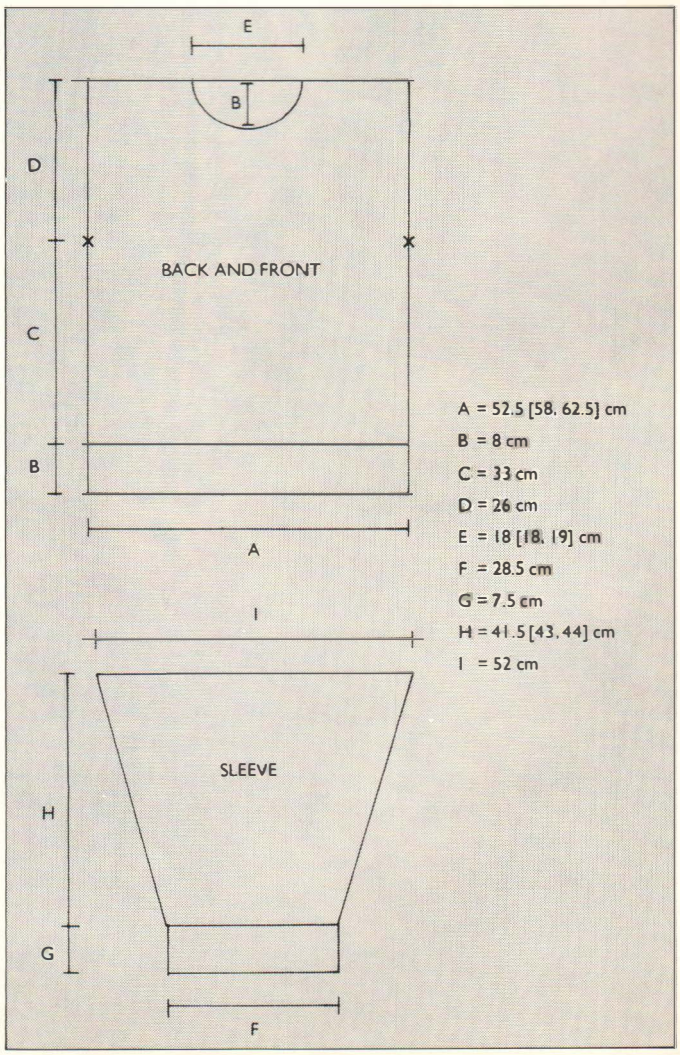
With wrong side facing, pin out all pieces to measurements given. Steam carefully and allow to dry in shape.

MAKING UP

Set in sleeves between markers. Join side, sleeve and neckband seams. Fold neckband in half to right side and pin in position. Unravelling WY as required, backstitch through open loops of last row worked in MC.



PUNCHCARD CHART



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NS

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BACK

With carriage at right, push 158 [176, 188] Ns on each bed at centre to WP. * Arrange Ns for 2x2 rib (2x1 N arrangement). Using MC, cast on and K 5 tubular rows. Carriage is at right. Set machine for 2x2 rib knitting. Set RC at 000. Using MT–3/MT–3, K 30 rows. Transfer sts for st st *.

2nd and 3rd Sizes

Inc 1 st at each end.

All Sizes

158 [178, 190] sts. Set RC at 000. Using MT, cont in Fair Isle patt. K 122 rows.

Shape Armholes

Cast off 12 sts at beg of next 2 rows. 134 [154, 166] sts **. K 84 [88, 92] rows. RC shows 208 [212, 216].

Shape Neck and Shoulders

Note patt row on card. Using a length of MC, cast off centre 36 [42, 46] sts. Using nylon cord, K 49 [56, 60] sts at left by hand taking Ns down to NWP. Cont on rem sts for first side. * Cast off 7 [7, 8] sts at beg of next row and dec 1 st at beg of next row. Rep from * 4 times more. Cast off 7 [7, 8] sts at beg of next row, K 1 row. Cast off rem 2 [9, 7] sts. With carriage at right, unravel nylon cord over rem Ns bringing Ns back to WP. Lock card on number previously noted. Take carriage to left without knitting. Release card and cont in Fair Isle patt. Finish to correspond with first side, reversing shapings.

FRONT

Work as for back to **. K 22 rows.

Front Opening

Note patt row on card. Using a length of MC, cast off centre 10 sts. Using nylon cord, K 62 [72, 78] sts at left by hand taking Ns down to NWP. Cont on rem sts 32 ▶

PATTERN RATING

*** For fairly experienced knitters.

MACHINES

This pattern is suitable for standard gauge punchcard or 580 or 840 electronic machines with a ribber.
If you don't have a ribber, work ribs in mock rib as last page.

MATERIALS

1 x 250g cone in Cream (MC).
1 x 250g cone in Mustard (C).
4 buttons.

GARMENT WEIGHT

Finished garment in first size weighs 250g.

The fibre content of this yarn is 50% Silk, 30% Cotton, 20% Acrylic. For further information about this yarn, please write to the following address:- Celandine Limited, 44 Kirkgate, Otley, West Yorkshire LS21 3HJ.

ABBREVIATIONS AND YARN THICKNESS

See information on last page. For thickness, Yarn Guide equivalent is Full, 3-ply.

MEASUREMENTS

To fit bust 82-97 [92-97, 102-107] cm, 32-34 [36-38, 40-42] in.
Actual size 94 [106, 114] cm, 37 [42, 45] in.
Length to shoulder 63.5 [64.5, 65.5] cm, 25 [25½, 26] in.
Sleeve seam 47 [50, 53] cm, 18½ [20, 21] in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION

33 stitches and 36 rows to 10 cm, 4 in measured over Fair Isle pattern (tension dial approximately 5).
For perfect results, please check your tension carefully.

KNITTING NOTES

We used knit side of knitting as right side of garment.
Punch card or fill in pattern card, as shown, before starting to knit. Punchcard pattern is slightly different to accommodate a 24 stitch repeat.
Knit two colour Fair Isle rows with first colour given in back feeder 1 to knit background and second colour given in front feeder 2 to knit contrast pattern.
When shaping in HP, always take yarn round first inside N in HP to prevent a hole forming.

Fair Isle Pattern

Electronic Machines

Insert card and lock on first row. Pattern width indicator 27. Place needle 1 cam at centre 0. Press buttons 1 (left), 2 (left) and 5 (C). K 2 rows. Release card and cont in Fair Isle. K 27 rows MC/C. * Move needle 1 cam between Ns 13 and 14 at right. K 2 rows MC only (st st) and 27 rows MC/C. Move needle 1 cam to centre 0. K 2 rows MC only (st st) and 27 rows MC/C. These 58 rows from * form pattern.

Punchcard Machines

Insert card and lock on first row. K 2 rows. Release card and cont in Fair Isle. * K 27 rows MC/C, K 2 rows MC only (st st), K 27 rows MC/C and 2 rows MC only (st st). These 58 rows from * form pattern.

A taste of honey

◀ 31

for first side. K 45 [49, 51] rows. 17 [17, 19] rows less have been worked to shoulder than on back.

Shape Neck

Cast off 6 [7, 8] sts at beg of next row, K 1 row. Cast off 3 sts at beg of next and foll alt row, K 1 row. Cast off 2 sts at beg of next row, K 1 row.

2nd and 3rd Sizes

Cast off 2 sts at beg of next row, K 1 row.

All Sizes

Dec 1 st at beg of next and every foll alt row until 44 [51, 55] sts rem. K 2 [0, 0] rows.

Shape Shoulder

Cast off 7 [7, 8] sts at beg of next and foll 5 alt rows, K 1 row. Cast off rem 2 [9, 7] sts. With carriage at right, unravel nylon cord over rem 62 [72, 78] Ns, bringing Ns back to WP. Lock card on number previously noted. Take carriage to left without knitting. Release card and cont in Fair Isle patt. Finish to correspond with first side, reversing shapings.

SLEEVES

With carriage at right, push 65 [71, 77] Ns on each bed to WP. Work as for back from * to *. Using MT, K 1 row. Using WY, K a few rows and release from machine. Push 78 [84, 96] Ns at centre to WP. With P side of st st facing, replace sts on to Ns inc evenly. Set RC at 000. Using MT, cont in Fair Isle patt. Shape sides by inc 1 st at each end of every 3rd [3rd, 4th] row until there are 98 [92, 136] sts, then on every foll 4th [4th, 5th] row until there are 158 [166, 172] sts. K 1 row. RC shows 151 [161, 171]. Place marker at each end. K 13 rows.

Shape Top

Push 7 [8, 9] Ns at opposite end to carriage to HP on next 14 rows. Break yarn. Cont in st st and MC. Push all Ns from HP to UWP. K 1 row. Using WY, K a few rows and release from machine.

BUTTONHOLE BAND

Push 48 [51, 54] Ns to WP. Using MT and WY, cast on and K a few rows ending with carriage at right. Set RC at 000. Using MT–1 and MC, K 6 rows. Make 4 evenly spaced buttonholes over 4 Ns, 3 Ns in from each end. K 4 rows. Using C, K 1 row. Push every 6th N to HP, K 2 rows. Using MT+2, K 1 row. Using MT–1, K 2 rows. Push Ns from HP to UWP, K 1 row. Using MC, K 4 rows. Make buttonholes over same Ns as before. K 6 rows. Make a hem by placing loops of first row worked in MC on to corresponding Ns. Unravel WY when work is completed. Using MT and C, K 1 row. With P side facing, pick up sts along front edge and place on to Ns. Using MT+5, K 1 row. Cast off with a latch tool.

BUTTON BAND

Work as for buttonhole band omitting buttonholes.

COLLAR

Push Ns 64 to 84 [70 to 90, 76 to 96] inclusive at left to WP. * Using C, cast on by hand. Using MT, K 1 row. Break yarn. Push Ns to HP *. Push Ns 64 to 84 [70 to 90, 76 to 96] inclusive at right to HP. Work as from * to *. Push centre 126 [138, 150] Ns to WP. Using MT and WY, cast on and K a few rows ending with carriage at right. Using MT–1 and MC, K 6 rows. Using nylon cord with MC, K 1 row. Using MC, K 33 rows. Push 21 Ns at each side from HP to UWP. 168 [180, 192] sts. Using C, K 1 row. Push every 6th N to HP, K 2 rows. Using MT+2, K 1 row. Using MT–1, K 2 rows. Push Ns from HP to UWP, K 2 rows. Pick up 21 sts from cast on edge of extensions and place on to corresponding Ns. Using lengths of C, cast off 21 sts at each side. 126 [138, 150] sts. Using MC, K 34 rows. Pick up sts from row marked with nylon cord. K 6 rows. Using WY, K a few rows and release from machine. Remove nylon cord.

TO JOIN SLEEVES TO ARMHOLES

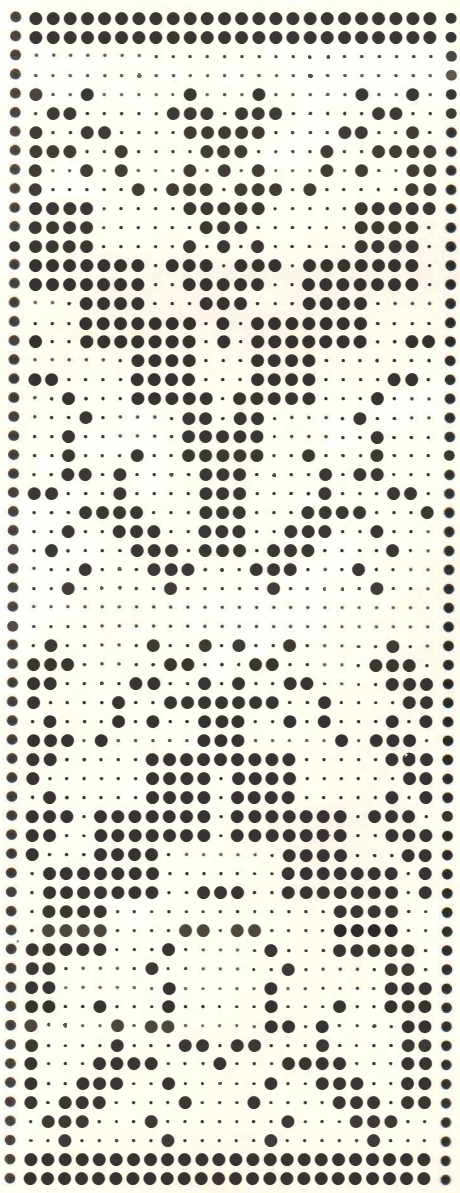
Join shoulder seams. Push 158 [166, 172] Ns to WP. With K side facing, pick up 158 [166, 172] sts along side edge of armhole and place on to Ns. With P side of sleeve facing, replace sts on to same Ns. Unravel WY. Using MT+1 and MC, K 1 row. Cast off loosely.

PRESSING

With wrong side facing, pin out all pieces to measurements given. Press carefully following instructions on cone band.

MAKING UP

Sew extensions to sides of collar, enveloping them between 2 thicknesses of collar. Press collar. Pin collar into position. Unravelling WY as required, backstitch through open loops of first row worked in MC. Catch down second edge on inside. Lap buttonhole band over button band and sew into position. Finish buttonholes and sew on buttons to correspond. Neaten ends of bands. Sew rows above markers on sleeves to cast off sts at armholes. Join side and sleeve seams. 35 ▶



PUNCHCARD CHART

pattern 3

Seashore cardigan

This is one for holiday time! The delightful border has fish blowing bubbles as they swim between the waves. Nice touches are the striped ribs and chain stitch embroidery.

BACK

With carriage at right and using plating yarn feeder, push 98 [102, 110] Ns on each bed at centre to WP. * Arrange Ns for 2x2 rib. Using A, cast on and K 5 tubular rows. Carriage is at right. Set machine for 2x2 rib knitting. Set RC at 000. Using MT–2/MT–2, cont in plated rib with A in feeder 1 and B in feeder 2. K 12 rows. Transfer sts for st st **. Insert card and lock on first row. Take carriage across twice without knitting. Set RC at 000. Using MT and MC, K 1 row. Release card and cont in Fair Isle patt. K 58 rows. Remove card. Cont in st st and MC *. K 61 [77, 93] rows. RC shows 120 [136, 152]. Place marker between sts 23 and 24 [26 and 27, 27 and 28] at left and right of centre 0. Cast off.

LEFT FRONT

With carriage at right and using plating yarn feeder, push 25 [23, 19] Ns at left and 21 [27, 35] Ns at right of centre 0 on each bed to WP. 46 [50, 54] Ns on each bed. Work as for back from * to *. ** K 43 [57, 73] rows. RC shows 102 [116, 132]. K 1 row extra for right front.

Shape Neck

Cast off 6 [10, 10] sts at beg of

PATTERN RATING

*** For fairly experienced knitters.

MACHINES

This pattern is suitable for standard gauge punchcard or electronic machines with a ribber and plating yarn feeder.

If you don't have a ribber, work ribs in mock rib as last page.

MATERIALS

King Cole Anti-Tickle 4-ply.
1 x 500g cone in Aran (MC).
1 x 50g ball in Gold (A).
1 x 50g ball in Bluebell (B).
1 x 50g ball in Black (C).
A small amount in Raspberry (D).
8 buttons.

GARMENT WEIGHT

Finished garment in second size weighs 200g.

The fibre content of this yarn is 100% Pure New Wool. For further information about this yarn, please write to the following address:- King Cole Ltd, Merrie Mills, Old Souls Way, Bingley, West Yorkshire BD16 2AX.

ABBREVIATIONS AND YARN THICKNESS

See information on last page. For thickness, Yarn Guide equivalent is Medium, 4-ply.

MEASUREMENTS

To fit chest 51 [53, 59] cm, 20 [21, 22] in.

Actual size 62 [64.5, 69.5] cm, 24½ [25½, 27½]in.
Length to shoulder 34 [38, 42] cm, 13½ [15, 16½]in.
Sleeve seam 23 [25, 27] cm, 9 [10, 10½] in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION

31 stitches and 40 rows to 10 cm, 4 in measured over stocking stitch (tension dial approximately 7).
31 stitches and 37 rows to 10 cm, 4 in measured over Fair Isle pattern (tension dial approximately 7).
For perfect results, please check your tension carefully.

KNITTING NOTES

We used knit side of knitting as right side of garment.
Punch card, as shown, or fill in pattern card using punchcard as a guide, before starting to knit.
Knit two colour Fair Isle rows with first colour given in back feeder 1 to knit background and second colour given in front feeder 2 to knit contrast pattern.

Electronic Machines

Place needle 1 cam between Ns 12 and 13 at left or right of centre 0. Press button 1 (left light on) and button 2 (left light on for 580 and SK 840 machines or right light on for other models).

Fair Isle Pattern

K 16 rows MC/C, 1 row MC only (st st), 11 rows MC/B, 3 rows B only in feeder 1 (st st), 13 rows B/A, 3 rows B only (st st) and 11 rows MC/B. These 58 rows form pattern.

pattern 4

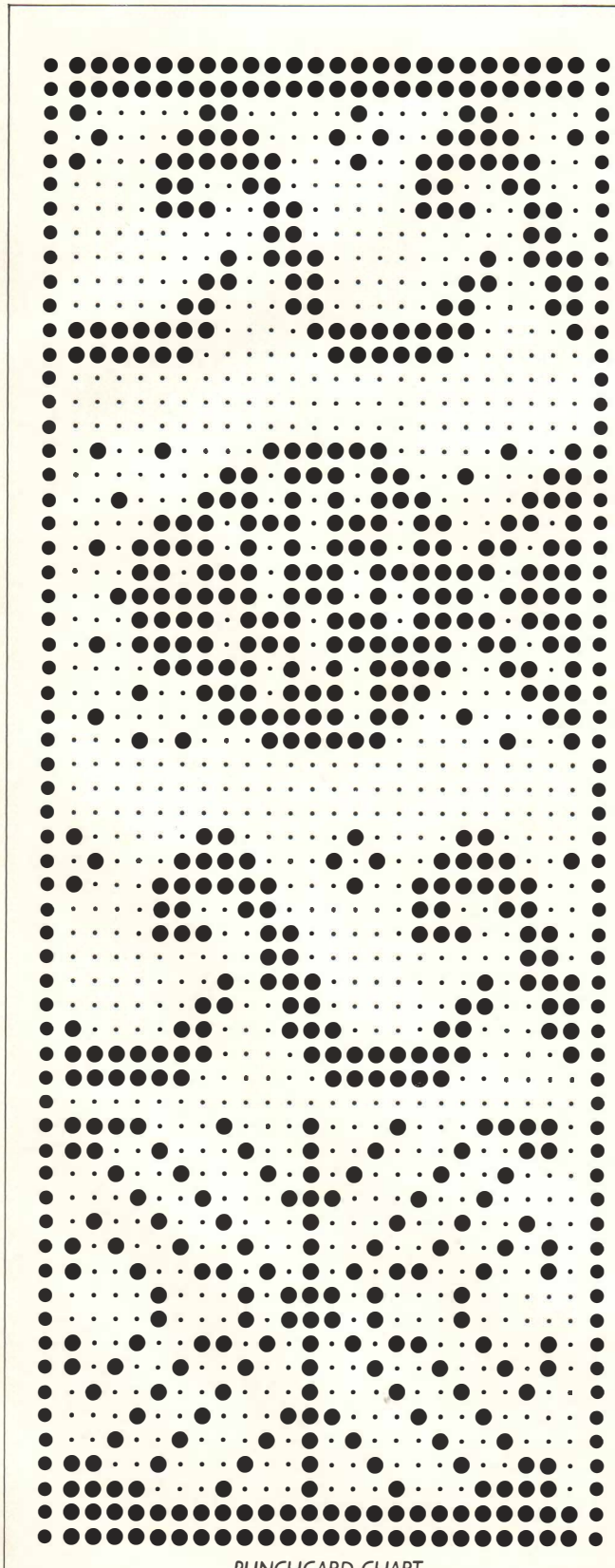
◀ 32

next row, K 1 row. Cast off 5 sts at beg of next row, K 1 row. Cast off 3 sts at beg of next row. Dec 1 st at neck edge of every row until 28 [27, 30] sts rem, then on every foll 3rd row until 26 [25, 28] sts rem. K 3 [4, 3] rows. Cast off **.

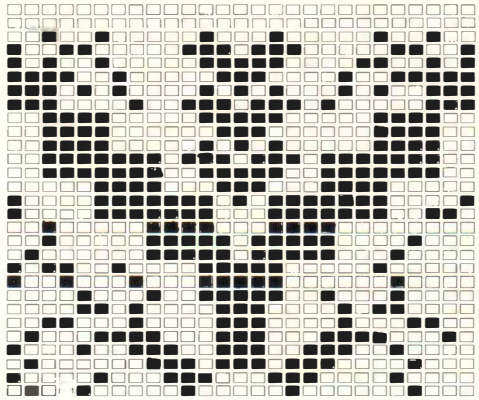
RIGHT FRONT

With carriage at right and using plating yarn feeder, push 21 [27, 35] Ns at left and 25 [23, 19] Ns at right of centre 0 on each bed to WP. 46 [50, 54] Ns on each

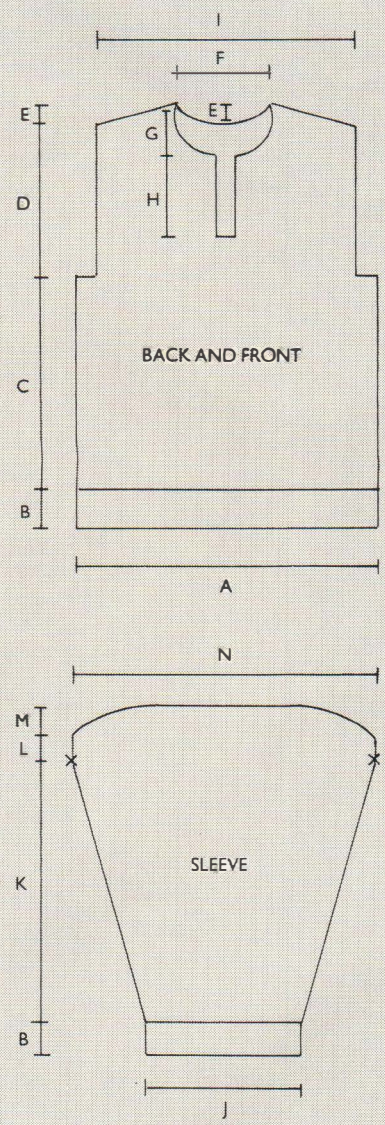
37 ▶



PUNCHCARD CHART

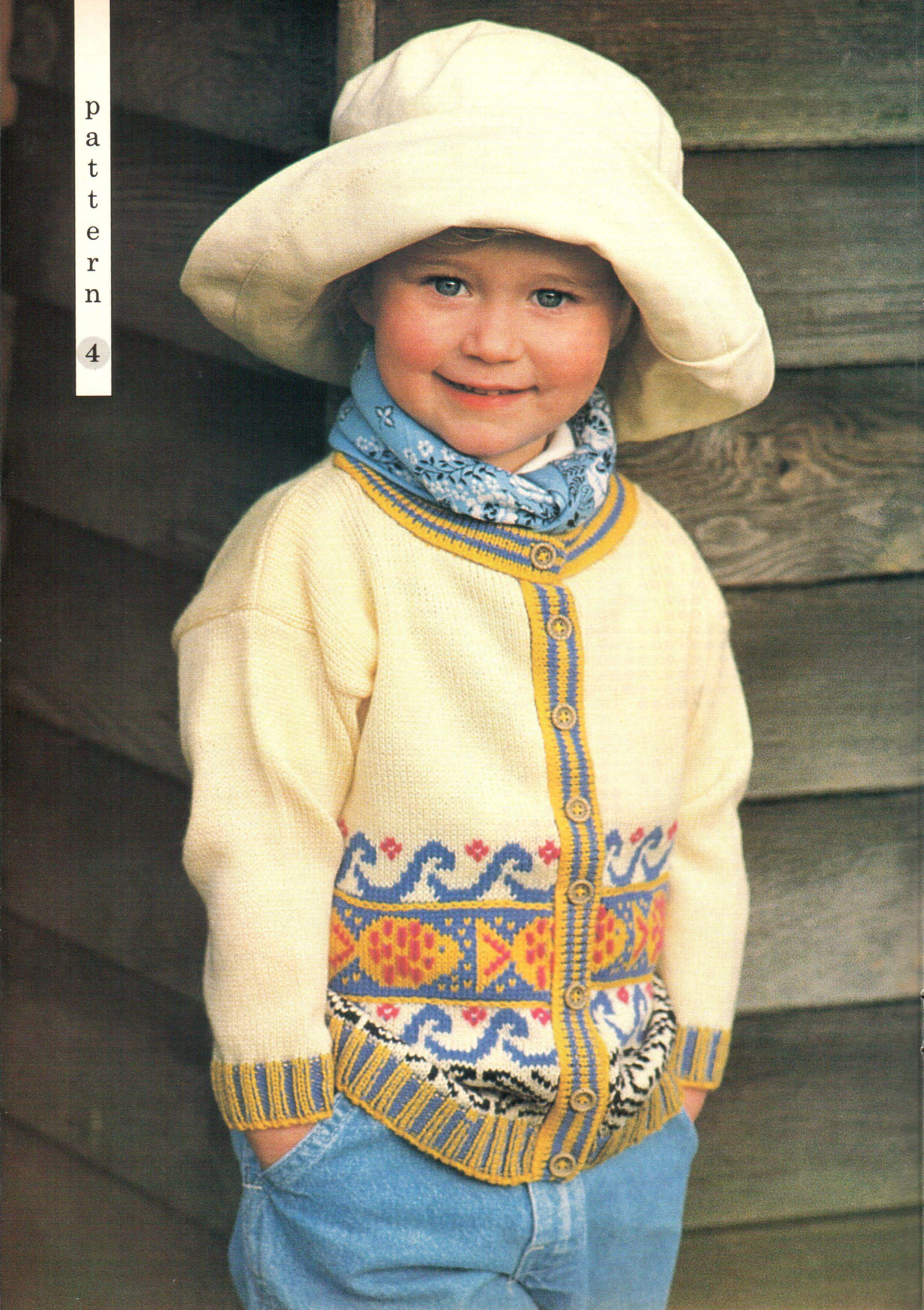


ELECTRONIC CHART



A = 47.5 [53.5, 57.5] cm	H = 12.5 [13.5, 14] cm
B = 5.5 cm	I = 40.5 [46.5, 50] cm
C = 34 cm	J = 23.5 [25, 29] cm
D = 24 [25, 26] cm	K = 41.5 [44.5, 47.5] cm
E = 3 cm	L = 3.5 cm
F = 14 [15.5, 17] cm	M = 4 cm
G = 8 [8, 8.5] cm	N = 47.5 [50, 52] cm

pattern 4



Seashore cardigan

◀ 35

bed. Work as for back from * to *. Work as for left front from ** to **, reversing shapings by noting alteration in number of rows worked.

SLEEVES

With carriage at right and using plating yarn feeder, push 50 [54, 54] Ns on each bed at centre to WP. Work as for back from * to **. Set RC at 000. Using MT and MC, shape sides by inc 1 st at each end of every 3rd [4th, 3rd] row until there are 54 [92, 58] sts, then on every foll 4th [5th, 4th] row until there are 90 [96, 102] sts. K 2 rows. RC shows 80 [88, 96]. Cast off.

BUTTONHOLE BAND

Using A, cast on 76 [84, 100] sts by hand. Set RC at 000. Using MT–1, cont in stripes of 2 rows A and 2 rows B. K 5 rows. Make 7 evenly spaced eyelet buttonholes by transferring 1 st to adjacent N and leaving empty N in WP. K 11 rows. Make buttonholes over same Ns as before. K 4 rows. RC shows 20. Make a hem by placing cast on sts on to corresponding Ns. Using A, K 1 row. With P side facing, pick up sts along front edge and place on to Ns. Using MT+2, K 1 row. Cast off.

BUTTON BAND

Work as for buttonhole band omitting buttonholes.

NECKBAND

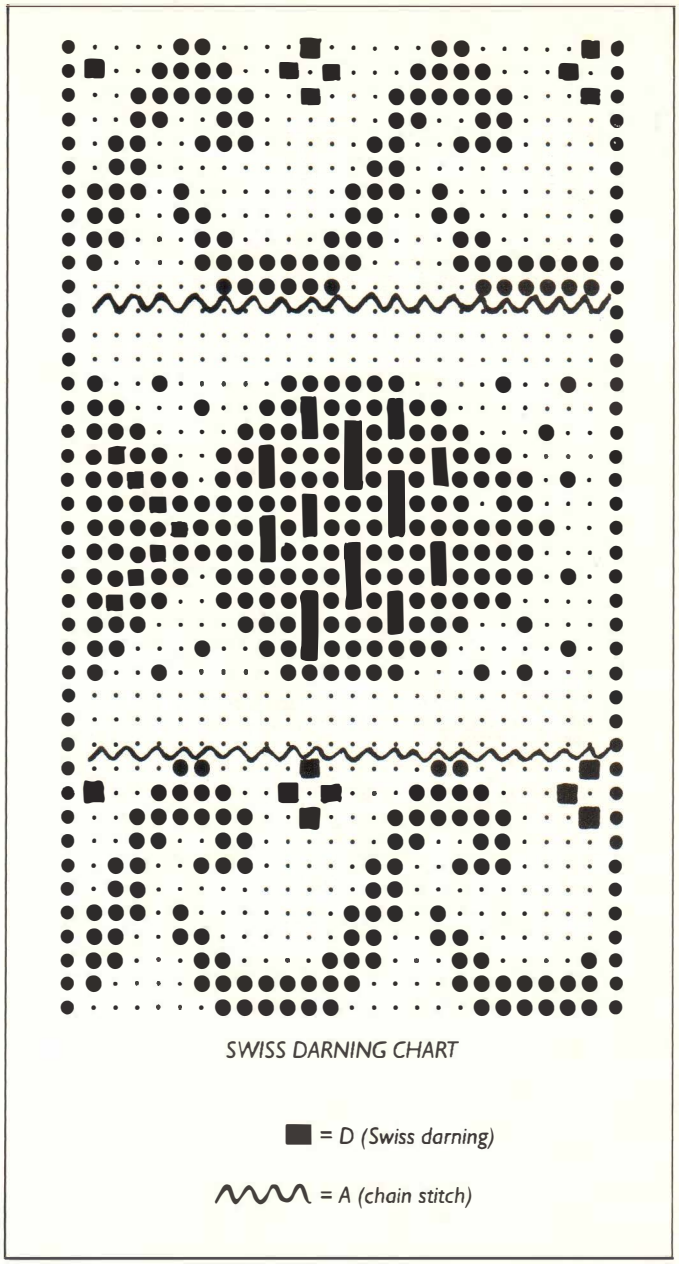
Join shoulder seams. Using A, cast on 100 [106, 108] sts by hand. Set RC at 000. Using MT–1, cont in stripes of 2 rows A and 2 rows B, K 5 rows. Counting from left edge, make an eyelet buttonhole by transferring 4th st on to adjacent N, leave empty N in WP. K 11 rows. Make another buttonhole over same N as before. K 4 rows. RC shows 20. Make a hem by placing cast on sts on to corresponding Ns. Using A, K 1 row. With P side facing, pick up sts around neck edge and place on to Ns. Using MT+2, K 1 row. Cast off.

PRESSING

With wrong side facing, pin out all pieces to measurements given. Press carefully, following instructions on cone band.

MAKING UP

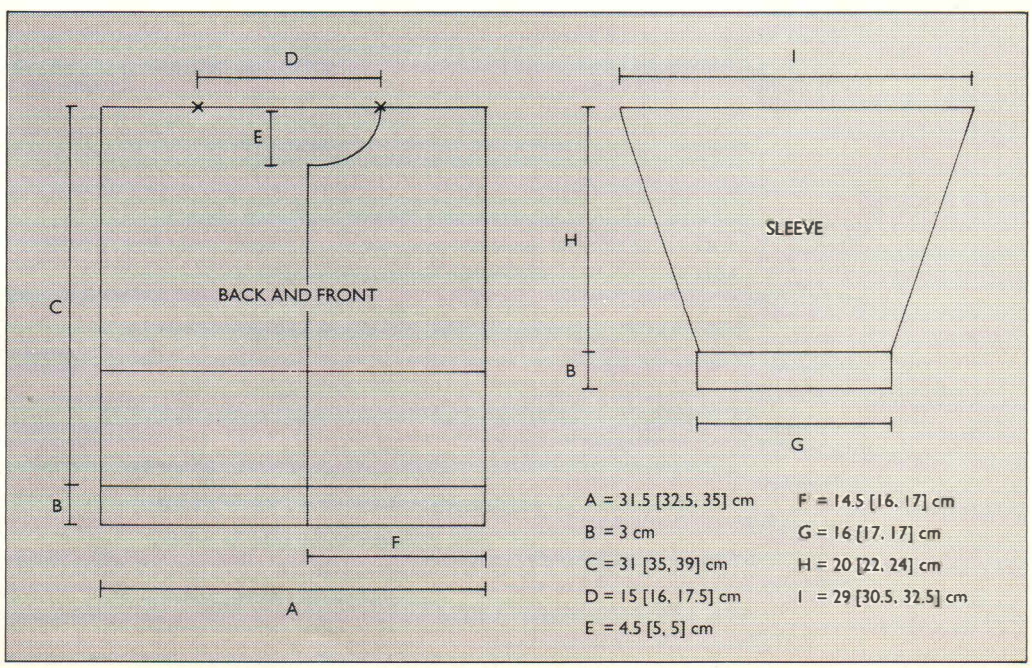
Set in sleeves, matching centre to shoulder seams. Join side and sleeve seams. Neaten ends of bands. Sew on buttons. Swiss darn in D and work chain st following chart.



SWISS DARNING CHART

■ = *D (Swiss darning)*

∿∿∿ = *A (chain stitch)*



A = 31.5 [32.5, 35] cm
B = 3 cm
C = 31 [35, 39] cm
D = 15 [16, 17.5] cm
E = 4.5 [5, 5] cm
F = 14.5 [16, 17] cm
G = 16 [17, 17] cm
H = 20 [22, 24] cm
I = 29 [30.5, 32.5] cm

Fresh Fair Isle with rib

A favourite colour formula, China blue and white, looking crisp and new in a pure wool sweater decorated with alternate bands of Fair Isle and rib. It's this month's exclusive design from Fran Francis.

BACK

With carriage at right and using MC, cast on 162 [170, 178, 186, 194] sts at centre in 1x1 rib. * K 5 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT–6/MT–6, K 36 rows. Transfer sts for st st *. Insert card and lock on first row. Set RC at 000. Cont in patt, K 176 rows. Cont in st st **. Using MT and MC, K 52 rows. RC shows 228.

Shape Neck

Push 102 [106, 110, 114, 118] Ns at left to HP and cont on rem sts for first side. Push 2 Ns at neck edge to HP on next 3 rows. 54 [58, 62, 66, 70] sts. K 5 rows. Cast off. With carriage at left, push 60 [64, 68, 72, 76] Ns at left from HP to UWP and finish to correspond with first side, reversing shapings. Push rem 54 Ns from HP to UWP. Using WY, K a few rows and release from machine.

FRONT

Work as for back to **. Using MT and MC, K 28 rows. RC shows 204.

PATTERN RATING

** Fairly easy for knitters with some experience.

MACHINES

This pattern is suitable for standard gauge punchcard or electronic machines with a ribber.
If you don't have a ribber, work ribs in mock rib as last page.

MATERIALS

Forsell's 4-ply Pure New Wool.
1 x 500g cone in Blue (MC).
1 x 500g cone in White (C).

GARMENT WEIGHT

Finished garment in second size weighs 525g.

The fibre content of this yarn is 100% Pure New Wool. For further information about this yarn, please write to the following address:- T. Forsell & Son Ltd., Blaby Road, South Wigston, Leicester LE8 2SG.

ABBREVIATIONS AND YARN THICKNESS

See information on last page. For thickness, Yarn Guide equivalent is Medium, 4-ply.

MEASUREMENTS

To fit bust or chest 87 [92, 97, 102, 107] cm, 34 [36, 38, 40, 42] in.
Actual size 106 [112, 117, 122, 128] cm, 42 [44, 46, 48, 50½] in.
Length to shoulder 64.5 cm, 25½ in.
Sleeve seam 48 cm, 19 in.
Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION

30 stitches and 41 rows to 10 cm, 4 in measured over pattern when slightly steamed (tension dial approximately 8 (MT) for Fair Isle and MT–3/MT–3 for rib).
For perfect results, please check your tension carefully.

KNITTING NOTES

We used knit side of knitting as right side of garment.
Punch card or fill in pattern card, as shown, before starting to knit.

Pattern

Using MT and MC, K 4 rows. Release card and cont in Fair Isle with MC in feeder 1/A and C in feeder 2/B. K 26 rows. Lock card on first row. Cont in st st and MC. K 4 rows. Transfer sts for 1x1 rib (heavily weighted). Using MT–3/MT–3, K 10 rows. Transfer sts for st st. These 44 rows form pattern.

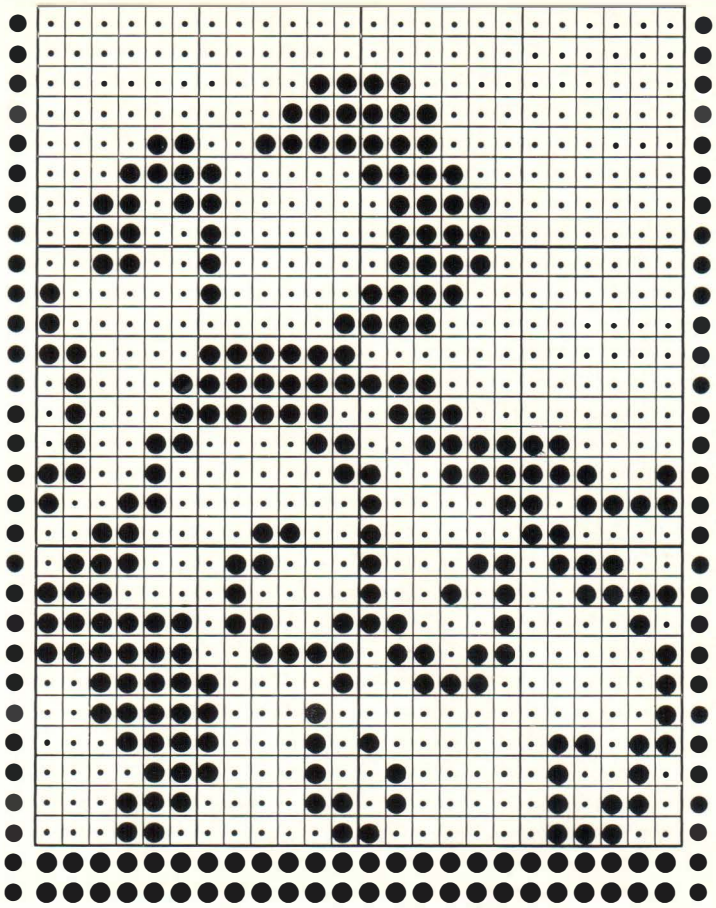
pattern 5

Shape Neck

Push 98 [102, 106, 110, 114] Ns at left to HP and cont on rem sts for first side. Push 1 N at neck edge to HP on next 10 rows. 54 [58, 62, 66, 70] sts. K 22 rows. Cast off. With carriage at left, push 64 [68, 72, 76, 80] Ns at left from HP to UWP and finish to correspond with first side, reversing shapings. Push rem 54 Ns from HP to UWP. Using WY, K a few rows and release from machine.

SLEEVES

With carriage at right and using MC, cast on 70 sts at centre in 1x1 rib. Work as for back from * to *. Insert card and lock on first row. Set RC at 000. Cont in patt. Shape sides by inc 1 st at each end of every 3rd row until there are 90 sts, then on every foll 4th row until there are 156 sts. Cont in st st and MC, K 8 rows. RC shows 170. Cast off.



PUNCHCARD CHART

NECKBAND

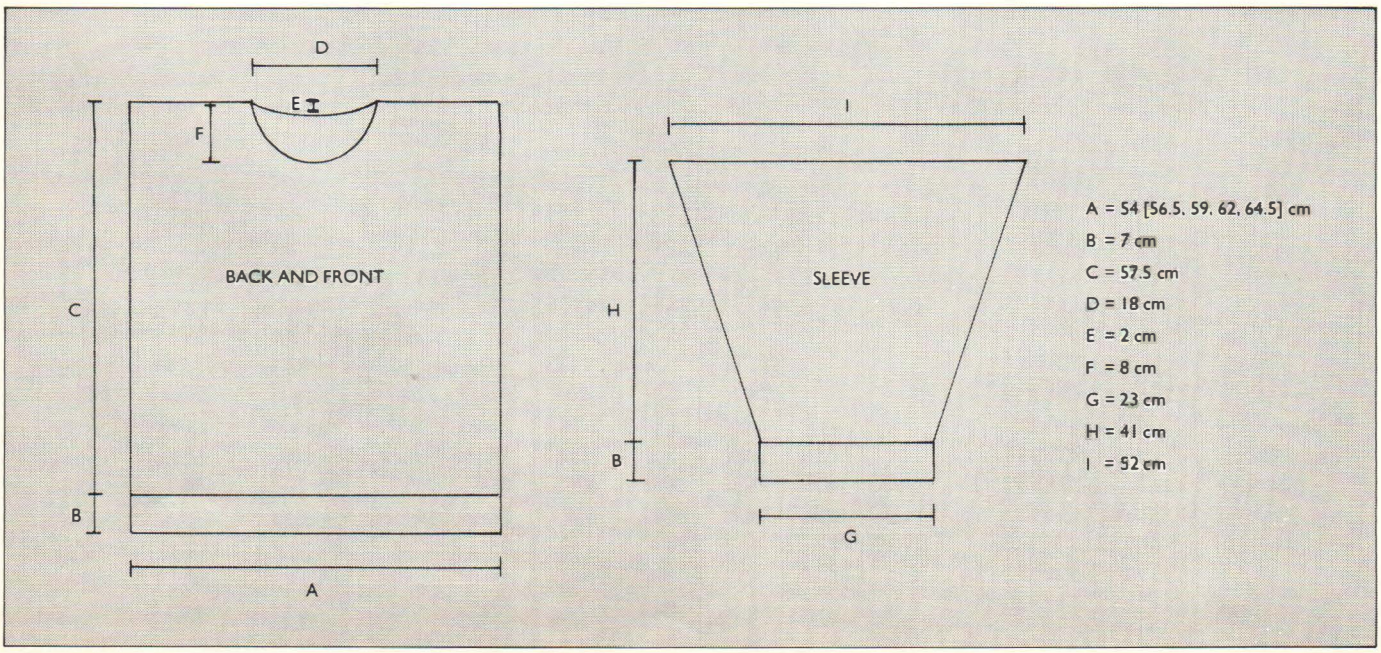
Join right shoulder seam. Push 144 Ns to WP. With K side facing, pick up 144 sts around neck edge and place on to Ns. Unravel WY. Set RC at 000. Using MT and MC, K 1 row. Transfer sts for 1x1 rib. Using MT–6/MT–6, K 28 rows. Transfer sts for st st. Using MT, K 1 row. Using WY, K a few rows and release from machine.

PRESSING

With wrong side facing, pin out all pieces to measurements given. Press carefully following instructions on cone band.

MAKING UP

Join left shoulder and neckband seam. Set in sleeves matching centre to shoulder seams. Join side and sleeve seams. Fold neckband in half to right side and pin in position. Unravelling WY as required, backstitch through open loops of last row worked in MC.



pattern 5
The Fair Isle Collection

TO&FRO MACHINE KNITTING

THE GOOD NEWS

The new *To & Fro* combines the original *To & Fro* and *To and Fro Electronic* magazines into one bumper issue which will be on sale bi-monthly at your local newsagent, or you can opt for an annual subscription by filling in the coupon below. Hazel Ratcliffe is the new Editor and she's joined by a team that's second to none!

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Whether you are a punchcard or electronic owner, beginner or advanced knitter, you'll find a wealth of encouragement and helpful information from Doris' articles. She'll share her expertise on a host of machine knitting techniques, starting with a series on the 950i. Doris will also be pleased to help with any knitting queries—just write to her at the To & Fro editorial office.

★ JOAN GODFREY

A long standing affair with a knitting machine has provided Joan with a fount of knowledge which she is willing to share with fellow knitters. Joan's telephone will be the 'hot-line' for anyone in trouble—but she's also happy to chat about 'knitting' and share the good experiences too!

★ GRACE HAYWARD

If you don't already own a Passap or Pffaf knitting machine, here's the expert who'll make you wish you did. Grace will soon dispel any misconceptions that these machines are more complicated to use, with her special articles, patterns and advice!

★ KATHLEEN KINDER

Kathleen has already written many articles and books on the subject and techniques of machine knitting. Her sphere of knowledge covers a wide range of machines from the early models through to the latest 'computer-aided' ones. If you're looking for advice on the latest technology which can be linked to your machine, you'll find Kathleen's informative research invaluable!

★ ANDY LEVICK

The frequent publication of new books on the subject of machine knitting and its associated crafts can sometimes cause a dilemma—which ones should we buy? To help us decide, Andy will review the latest publications and provide an unbiased resumé on the content of each new title!

★ STEVE WYER

All those legal queries relating to knitting businesses, club activities, sale of work and so on can now be directed to Steve, our resident solicitor, who will be pleased to offer advice and help on matters 'legal'!

PAT COULSTON

Relax and enjoy the pleasures of machine knitting in Pat's friendly and informal articles which cover a variety of tips and techniques. Pat shares her own knitting experiences and problems in a manner which will make you really feel at home.

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AUDREY PALMER

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SUSANNA LEWIS

With her 'Creative Fabrics', Susanna shows us just some of the exciting results which can be achieved with a bit of experimentation. Her inspiration and step by step instruction bring a whole host of unusual techniques within our grasp.

and many more of the familiar names you've seen in recent issues

ANGELA GORDON

Machine knitting tuition is one area in which Angela's talents excel—she caters for all levels of experience on a variety of machines and accessories. Her articles cover techniques and skills with plenty of hints and tips on how to achieve perfect results.

DIANE BENNETT

Diane's expertise on the Brother electronics has rapidly expanded with the introduction of each new model and To & Fro readers have already benefited from her invaluable teaching skills through articles, tuition tapes and courses. Diane will continue to pass on her knitting 'know-how' for all levels of experience, offering others the chance to build upon their skills.

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Silver Reed advice spot

by Kamalini Trentham

If you are a Silver Reed owner, take this opportunity to write in with your machine knitting queries. We will pass your letters on to Kamalini Trentham and publish her answers and advice for the benefit of other *Modern Machine Knitting* readers.

Dear MMK,

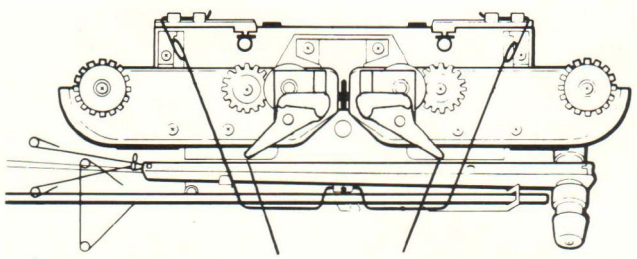
I purchased a Silver Reed 280 early last year and have come across a couple of problems. The first is that when the carriage passes across to the end of the needle bed on each side, just beyond the eightieth needles it seems to catch on something and gives a slight tug. What could be causing this?

My second query is to ask about the two levers on the front of the carriage – there is no mention of them in the instructions nor is there any illustration of them in the book. Your comments would be appreciated!

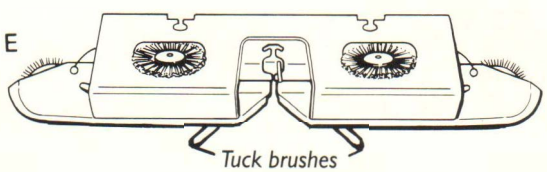
Yours sincerely,

Mrs M. Keary, Liverpool

I am sorry that your carriage is not moving smoothly on the needle bed. You do not say whether you have a ribber attached, but if so, please ensure that the auxiliary pieces (the white plastic pieces that go under the screws at each end and attach the ribber to the main bed) are correctly inserted. Take the ribber and the auxiliary pieces off and try the carriage without the knitter arm, to see if you still feel the tug. If it moves smoothly you did not have your ribber mounted correctly, or the arm was incorrectly attached. Replace the knitter arm and check again. This should help you diagnose and pinpoint the trouble spot.



These are tuck brushes. Are these the levers you have referred to?



Tuck brushes

I am astonished that your carriage has two levers for which you can find no mention in your manual. Are these levers on the actual carriage or are they on the carriage arm? If on the carriage they are most certainly the Russel levers. These are the holding cam levers and their function is to hold needles in D position and prevent them from knitting. There are two positions for these – on I the needles in D position do not knit – the levers are set on II to knit normally. They are also directional, the setting on the carriage end nearest the knitting determines the hold or knit function for the next row to right or left.

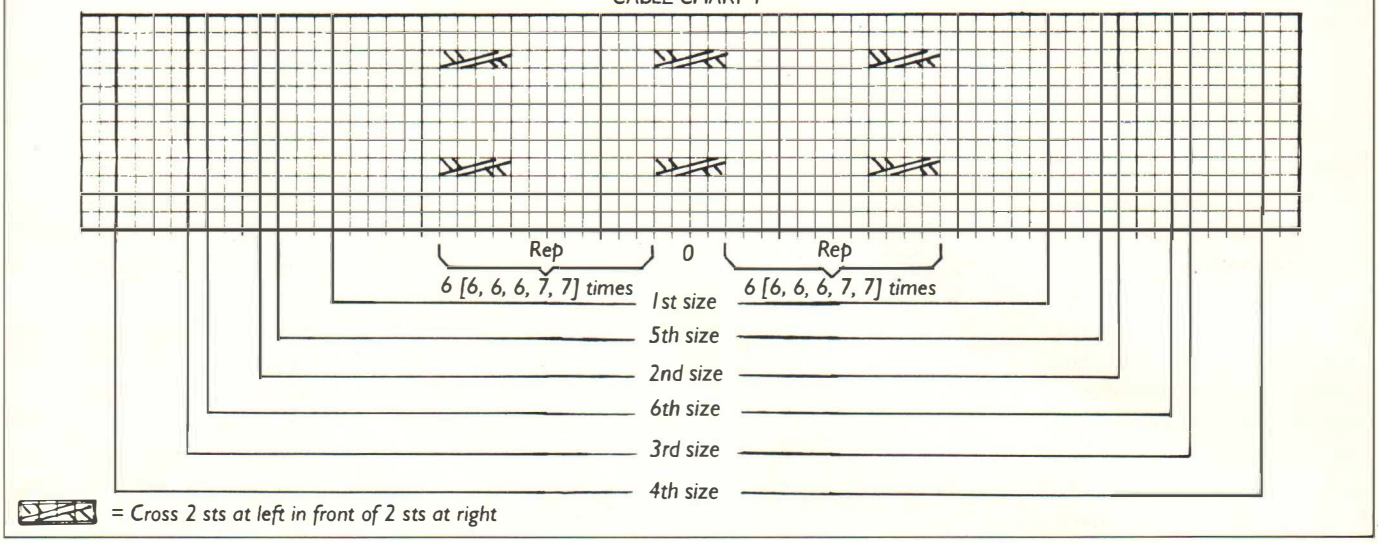
If the two levers in question are on the carriage arm, they could be tuck levers. I know that some 280 machines had tuck levers which brought tuck brushes or rubber wheels into work position. These levers were later changed to rubber wheels which could be slid in and out of work position easily. You may, by chance, have the instruction book belonging to the later models!

We'll be pleased to hear from anyone who has a specific query on any of the Silver Reed machines, whether it be a standard, chunky, DK or fine gauge; manual, punchcard or electric model. Your questions might concern a knitting technique, patterning query, use of one of the accessories, or a general problem you are experiencing. Don't forget, it doesn't matter whether you are an experienced knitter or just starting out as a beginner to machine knitting – your query might help others too! Please send your letters to 'Silver Reed Advice Spot', MMK, 3 Bridge Avenue, Maidenhead, Berkshire SL6 1RR, enclosing a SAE if you would like a personal reply. We'll pay £5.00 for every letter we publish.

A touch of cable

Just right for spring, a plain sweater in a lighter-weight and popular mix of cotton and acrylic with a band of fine cables set between tucks for distinctive detail.

CABLE CHART 1



46 ▶

pattern 6

PATTERN RATING
** Fairly easy for knitters with some experience.

MACHINES
This pattern is suitable for standard gauge machines with a ribber.
If you don't have a ribber, work ribs in mock rib as last page.

MATERIALS
Yeoman Panama.
1 [1, 1, 2, 2, 2] x 500g cones in Blue (MY).
1 contrasting button.

GARMENT WEIGHT
Finished garment in fourth size weighs 528g.

The fibre content of this yarn is 50% Cotton, 50% Acrylic. For further information about this yarn, please write to the following address:- Yeoman Yarns Ltd., 36 Churchill Way, Fleckney, Leicestershire LE8 0UD.

ABBREVIATIONS AND YARN THICKNESS
See information on last page. For thickness, Yarn Guide equivalent is Full, 4-ply.

MEASUREMENTS
To fit chest 92 [97, 102, 107, 112, 117] cm, 36 [38, 40, 42, 44, 46] in.
Actual size 105 [110, 116, 121, 125, 130] cm, 41 1/2 [43 1/2, 45 1/2, 47 1/2, 49, 51] in.
Length to shoulder 68 [68, 69, 69, 70, 70] cm, 26 1/2 [26 1/2, 27, 27, 27 1/2, 27 1/2] in.
Sleeve seam 51 [51, 52, 52, 53, 53] cm, 20 [20, 20 1/2, 20 1/2, 21, 21] in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION
30 stitches and 36 rows to 10 cm, 4 in measured over stocking stitch (tension dial approximately 8).
For perfect results, please check your tension carefully.

KNITTING NOTES
We used knit side of knitting as right side of garment.

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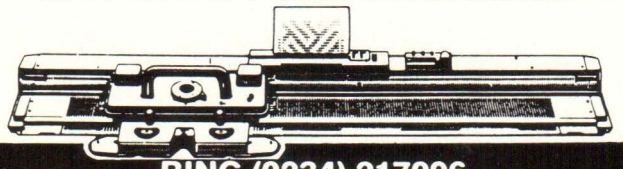
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A touch of cable

◀ 44

BACK

With carriage at right and using MT–5/MT–5 and MY, cast on 160 [168, 176, 184, 190, 198] sts at centre in 1x1 rib. * K 5 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. K 34 rows. Transfer sts for st st *. Set RC at 000. Using MT, K 26 rows. Disconnect RC. K 8 rows. Reconnect RC. Make a hem by placing loops from 8 rows down on to corresponding Ns. Cont in cable patt from chart 1, K 48 rows. Cont in st st. Disconnect RC. K 8 rows. Reconnect RC. Make a hem by placing loops from 8 rows down on to corresponding Ns. K 52 rows. RC shows 126. Place marker at each end **. K 90 [90, 94, 94, 98, 98] rows. RC shows 216 [216, 220, 220, 224, 224]. Push 56 [60, 64, 68, 71, 75] Ns at left and right to HP. Using WY, K a few rows over centre 48 Ns and release from machine. Push Ns at right from HP to UWP. Using WY, K a few rows and release from machine. Push Ns at left from HP to UWP. Using WY, K a few rows and release from machine.

FRONT

Work as for back to **. K 54 [54, 58, 58, 62, 62] rows. 36 rows less have been worked to shoulder than on back.

Shape Neck

Push 90 [94, 98, 102, 105, 109] Ns at left to HP and cont on rem sts for first side. Dec 1 st at neck edge of every row until 56 [60, 64, 68, 71, 75] sts rem. K 22 rows. Using WY, K a few rows and release from machine. With carriage at right, push 20 Ns at right from HP to UWP. Using WY, K a few rows and release from machine. With carriage at left, push rem Ns from HP to UWP. Finish to correspond with first side, reversing shapings.

SLEEVES

With carriage at right and using MT–5/MT–5 and MY, cast on 84 [84, 90, 90, 96, 96] sts in 1x1 rib. Work as for back from * to *. Set RC at 000. Using MT, shape sides by inc 1 st at each end of every 4th row until there are 150 [150, 156, 156, 162, 162] sts. K 23 [23, 27, 27, 30, 30] rows. RC shows 155 [155, 159, 159, 162, 162]. Cast off.

TO JOIN RIGHT SHOULDER

Push 56 [60, 64, 68, 71, 75] Ns to WP. With K side of right back shoulder facing, replace sts on to Ns. With P side of right front shoulder facing, replace sts on to same Ns. Unravel WY. Using MT and MY, K 1 row. Cast off.

NECKBAND

Push 154 Ns to WP. With K side facing, pick up 154 sts around neck edge and place on to Ns. Unravel WY. Set RC at 000. Using MT and MY, K 1 row. Transfer sts for 1x1 rib. Using MT–5/MT–5, K 41 rows. Transfer sts for st st. Using MT, K 1 row. Using WY, K a few rows and release from machine.

TO JOIN LEFT SHOULDER

Work as for right shoulder but read left for right.

POCKET FLAP

Push 32 Ns at centre to WP. Using MT and WY, cast on and K a few rows ending with carriage at right. Set RC at 000. Using MY, cont in cable patt from chart 2 over centre 18 Ns, K 10 rows. Dec 1 st at each end of every row until 16 sts rem. K 2 rows. RC shows 20. Cast off.

POCKET FLAP EDGING

With carriage at right and using MT–5/MT–5 and MY, cast on 40 sts in 1x1 rib. K 5 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. K 15 rows. Transfer sts for st st. With P side facing, pick up sts around shaped edge of pocket flap and place on to Ns. Using MT, K 1 row. Cast off.

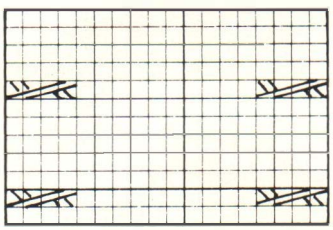
PRESSING

With wrong side facing, pin out all pieces to measurements given. Press carefully following instructions on cone band.

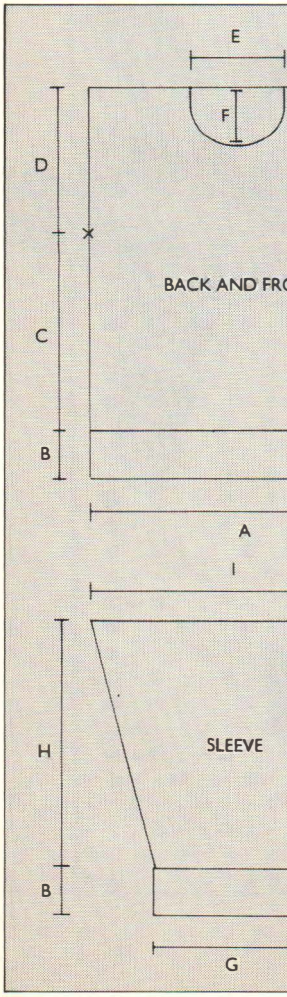
MAKING UP

Set in sleeves between markers. Join side, sleeve and neckband seam. Fold neckband in half to right side and pin in position. Unravelling WY as required, backstitch through open loops of last row worked in MY. Fold pocket edging in half and catch down on inside. Pin pocket flap in position. Unravelling WY as required, backstitch through open loops of first row worked in MY. Sew on button.

CABLE CHART 2



= *Cross 2 sts at left in front of 2 sts at right*



A = 53 [56, 58.5, 61, 63, 66] cm
B = 8 cm
C = 35 cm
D = 25 [25, 26, 26, 27, 27] cm
E = 16 cm
F = 10 cm
G = 28 [28, 30, 30, 32, 32] cm
H = 43 [43, 44, 44, 45, 45] cm
I = 50 [50, 52, 52, 54, 54] cm

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pattern 7

Top to toe

Cute and colourful, these co-ordinates make a super outfit for little ones. Fair Isle bands on sweater and socks pick out the contrast colour in a clever mix 'n' match combination.

SWEATER

BACK

With ribber in position and carriage at left, set machine for 1×1 rib. Push 77 [85, 93] Ns on each bed to WP. Arrange Ns for 1×1 rib. Using MC, cast on and K 5 tubular rows. Carriage is at right. Set carriage for 1×1 rib knitting. Set RC at 000. Using MT−4/MT−4, K 22 rows. Transfer sts for st st. Set RC at 000. Using MT, K 4 rows. Cont in Fair Isle and stripe patt, K 17 rows. Using MC, K 7 [19, 31] rows. RC shows 28 [40, 52] and work measures 12 [15, 18] cm, 4¾ [6, 7] in. Place marker at each end **. K 48 [52, 56] rows. RC shows 76 [92, 108] and work measures 24 [28, 32] cm, 9½ [11, 12½] in.

Shape Shoulders

Cast off 12 [14, 16] sts at beg of next 2 rows and 12 [13, 15] sts at beg of foll 2 rows. Cast off rem 29 [31, 31] sts.

FRONT

Work as for back to **. K 32 [32, 36] rows. RC shows 60 [72, 88]. 50 ▶

PATTERN RATING

** Fairly easy for knitters with some experience.

MACHINES

This pattern is suitable for standard gauge punchcard or electronic machines with a ribber.

If you don't have a ribber, work ribs in mock rib as last page.

MATERIALS

King Cole Anti-Tickle 4-ply.

1×500g cone in Yellow (MC).

1×500g cone in Turquoise (C).

3 small buttons.

Elastic to fit waist.

GARMENT WEIGHT

Complete outfit in first size weighs 180g.

Sweater 90g.

Socks 15g.

Pants 75g.

The fibre content of this yarn is 100% Pure New Wool. For further information about this yarn, please write to the following address:- King Cole Ltd., Merrie Mills, Old Souls Way, Bingley, West Yorkshire BD16 2AX.

ABBREVIATIONS AND YARN THICKNESS

See information on last page. For thickness, Yarn Guide equivalent is Medium, 4 ply.

MEASUREMENTS

To fit chest 46 [51, 56] cm, 18 [20, 22] in.

Actual size 51 [56, 62] cm, 20 [22, 24] in.

Length to shoulder 24 [28, 32] cm, 9½ [11, 12½] in.

Sleeve seam 22 [24, 26] cm, 8½ [9½, 10] in.

Pants

To fit waist 50 [58, 64] cm, 19¾ [22¾, 25¼] in.

Actual size 52 [60, 65] cm, 20½ [23½, 25½] in.

Socks

Length from toe to heel 9 [10, 11] cm, 3½ [4, 4½] in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION

30 stitches and 40 rows to 10 cm, 4 in measured over stocking stitch (tension dial approximately 7).

30 stitches and 44 rows to 10 cm, 4 in measured over stocking stitch on MT−1 (tension dial approximately 6).

For perfect results, please check your tension carefully.

KNITTING NOTES

Knit two colour Fair Isle rows with first colour given in back feeder 1/A to knit background and second colour given in front feeder 2/B to knit contrast pattern.

Count Ns in NWP as sts throughout.

When shaping in HP, always take yarn round first inside N in HP to prevent a hole forming.

Fair Isle and Stripe Pattern

K 2 rows C and 2 rows MC. Insert card and lock on first row. K 2 rows MC. Release card and cont in Fair Isle. K 5 rows MC/C. Remove card. Cont in st st. K 4 rows MC and 2 rows C. These 17 rows form pattern.

Silver Reed Electronic Machines

Place needle 1 cam at centre 0. Press button 1 (left light on) and button 2 (left light on 580 and SK840 machines or right light on other models).

pattern 7

Top to toe

◀ 49

Shape Neck

Using a length of MC, cast off centre 15 sts. Push 31 [35, 39] Ns at left to HP and cont on rem sts for first side. K 1 row. Dec 1 st at neck edge on every row until 24 [27, 31] sts rem. K 8 [11, 11] rows.

Shape Shoulder

Cast off 12 [14, 16] sts at beg of next row, K 1 row. Cast off rem 12 [13, 15] sts. With carriage at left, push rem Ns from HP to UWP, K 1 row. Dec 1 st at neck edge of every row until 24 [27, 31] sts rem. K 0 [3, 3] rows.

Shape Shoulder

Cast off 12 [14, 16] sts at beg of next row. K 1 row. Cast off rem 12 [13, 15] sts.

SLEEVES

With ribber in position and carriage at right, set machine for 1×1 rib. Push 45 [47, 49] Ns on each bed to WP. Arrange Ns for 1×1 rib. Using MC, cast on and K 5 tubular rows. Carriage is at right. Set carriage for 1×1 rib knitting. Set RC at 000. Using MT−4/MT−4, K 22 rows. Transfer sts for st st. Set RC at 000. Using MT, K 4 rows. Cont in Fair Isle and stripe patt and shape sides by inc 1 st at each end of next and every foll 4th row until there are 55 [57, 59] sts. RC shows 21. Using MC, cont to inc on every 5th [4th, 4th] row from previous inc until there are 59 [61, 67] sts, then on every foll 5th row until there are 73 [79, 85] sts. K 2 rows. RC shows 68 [76, 84] and work measures 22 [24, 26] cm, 8¾ [9½, 10¼] in. Cast off.

NECKBAND

With ribber in position and carriage at right, set machine for 1×1 rib. Using MC, cast on 65 [75, 75] sts in 1×1 rib. K 5 tubular rows. Carriage is at right. Set carriage for 1×1 rib knitting. Set RC at 000. Using MT−4/MT−4, K 22 rows. Transfer sts for st st. K 1 row. Using WY, K a few rows and release from machine. Join right shoulder seam. Pin neckband into position. Unravelling WY as required, backstitch through open loops of last row worked in MC. Fold in half and catch down on inside.

BUTTONHOLE BAND

With ribber in position and carriage at right, set machine for 1×1 rib. Using MC, cast on 31 [34, 37] sts in 1×1 rib. K 5 tubular rows. Carriage is at right. Set carriage for 1×1 rib knitting. Set RC at 000. Using MT−4/MT−4, K 5 rows. Counting from right edge, make 3 buttonholes by transferring the 5th [6th, 7th], 15 [17th, 19th] and 25th [28th, 31st] sts on to adjacent Ns. Leave empty Ns in WP. K 5 rows. RC shows 10. Transfer sts for st st. K 1 row. With P side facing, pick up sts along left front shoulder and neckband and place on to Ns. Using MT, K 1 row. Cast off.

BUTTON BAND

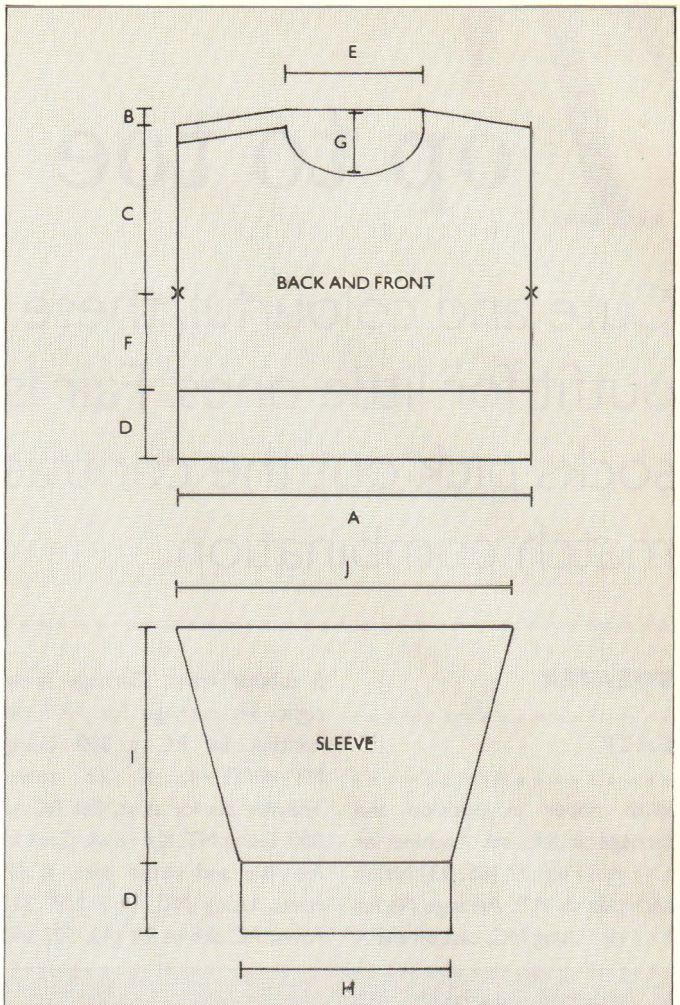
Work as for buttonhole band omitting buttonholes and reading left back for left front.

PRESSING

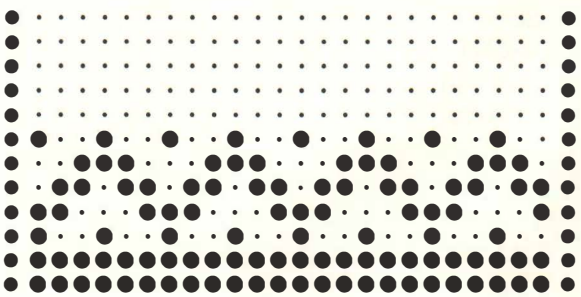
With wrong side facing, pin out all pieces to measurements given. Press carefully following instructions on cone band.

MAKING UP

Place buttonhole band over button band and catch down at armhole edge. Set in sleeves between markers. Join side and sleeve seams. Sew on buttons.



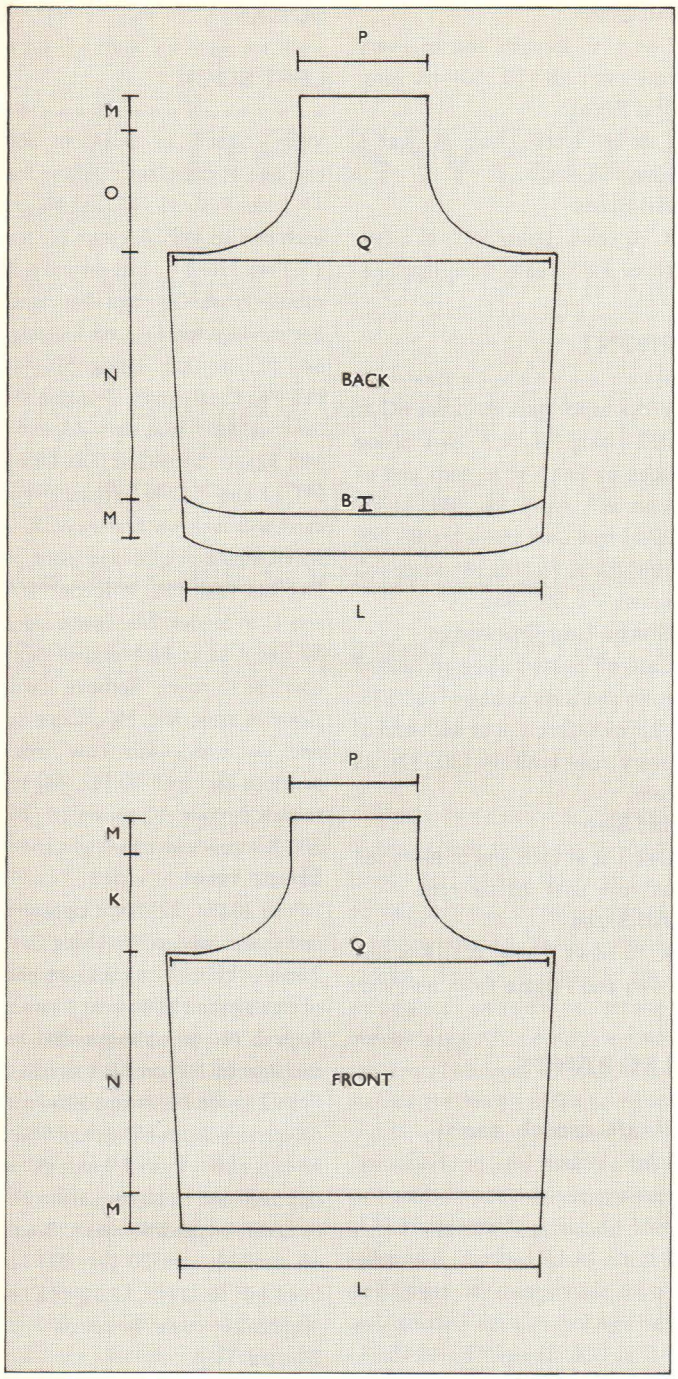
A	= 25.5 [28, 31] cm	J	= 24 [26, 28] cm
B	= 1 cm	K	= 7 cm
C	= 12 [13, 14] cm	L	= 26 [30, 32.5] cm
D	= 5 cm	M	= 2.5 cm
E	= 9.5 [10, 10] cm	N	= 18 [19, 20] cm
F	= 7 [10, 13] cm	O	= 8.5 cm
G	= 4.5 [5.5, 5.5] cm	P	= 9 [10, 10.5] cm
H	= 15 [15.5, 16] cm	Q	= 28.5 [32.5, 35] cm
I	= 17 [19, 21] cm		



PUNCHCARD CHART

On a blank card, punch 2 rows of holes as usual then punch these 5 rows.

ELECTRONIC CHART



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PANTS

BACK

With ribber in position and carriage at right, set machine for 1×1 rib. Using C, cast on 78 [90, 98] sts in 1×1 rib. K 5 tubular rows. Carriage is at right. Set carriage for 1×1 rib knitting. Set RC at 000. Using MT−4/MT−4, K 20 rows. Transfer sts for st st *. Set RC at 000. Using MT, K 1 row.

Shape Back

Push 30 [34, 40] Ns at opposite end to carriage to HP on next 2 rows. Push 15 [17, 20] inside Ns at opposite end to carriage from HP to UWP on next 4 rows. Shape sides by inc 1 st at each end of next and every foll 18th [19th, 20th] row until there are 86 [98, 106] sts. K 15 [16, 16] rows. RC shows 77 [81, 84].

Shape Leg Openings

1st Size

Dec 1 st at each end of next and every foll alt row until 76 sts rem, K 1 row.

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Angela N. Gordon

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All Sizes

Dec 1 st at each end of every row until 28 [30, 50] sts rem.

3rd Size

Cast off 3 sts at beg of next 6 rows. 32 sts.

All Sizes

K 10 rows. Using WY, K a few rows and release from machine.

FRONT

Work as for back to *. Set RC at 000. Using MT, K 3 rows. Shape sides by inc 1 st at each end of next and every foll 18th [19th, 20th] row until there are 86 [98, 106] sts. K 15 [16, 16] rows. RC shows 73 [77, 80].

Shape Leg Openings

Cast off 5 sts at beg of next 2 rows and 3 sts at beg of foll 2 [6, 12] rows. Dec 1 st at each end of every row until 34 [30, 32] sts rem.

1st Size

Dec 1 st at each end of every foll alt row until 28 sts rem.

All Sizes

K 10 rows. Using WY, K a few rows and release from machine.

LEG BANDS

Graft crotch seam

With ribber in position and carriage at right, set machine for 1×1 rib. Using C, cast on 71 [77, 83] sts in 1×1 rib. K 5 tubular rows. Carriage is at right. Set carriage for 1×1 rib knitting. Set RC at 000. Using MT−4/MT−4, K 10 rows. Transfer sts for st st. Using MT, K 1 row. With P side facing, pick up 39 [42, 45] sts along back leg and 32 [35, 38] sts along front leg and place on to Ns. K 1 row. Cast off.

PRESSING

With wrong side facing, pin out all pieces to measurements given. Press carefully following instructions on cone band.

MAKING UP

Join side seams. Fold waistband in half to inside and catch down, leave an opening for elastic. Insert elastic and join ends. Close opening.

SOCKS

LEFT SOCK

With ribber in position and carriage at right, set machine for 1×1 rib. Push 43 [47, 51] Ns on each bed to WP. Arrange Ns for 1×1 rib. Using C, cast on and K 5 tubular rows. Carriage is at right. Set carriage for 1×1 rib knitting. Set RC at 000. Using MT−4/MT−4, K 10 rows. Transfer sts for st st. Inc 1 st at right edge. 44 [48, 52] sts. Set RC at 000. Using MT−1 and MC, K 5 rows. Insert card and lock on first row. K 2 rows. Release card and cont in Fair Isle with MC in feeder 1/A and C in feeder 2/B. Shape sides by dec 1 st at each end of next row, K 4 rows. Remove card. Cont in st st and MC. Cont to dec on every 6th row from previous dec until 40 [42, 44] sts rem. K 4 rows. RC shows 18 [24, 30]. K 1 row extra for right sock.

Shape Heel

* Push 20 [21, 22] Ns at opposite end to carriage to HP. Using C, K 2 rows. Push 1 N at opposite end of carriage to HP on next 4 rows. Push 2 Ns at opposite end to carriage to HP on next 6 rows. Push 2 inside Ns at opposite end to carriage from HP to UWP on next 6 rows. Push 1 inside N at opposite end to carriage from HP to UWP on next 4 rows *. Break off C. Push rem 20 [21, 22] Ns from HP to UWP. Using MC, K 18 [22, 28] rows. Break off MC.

Shape Top

Work as for heel from * to *. Push rem Ns from HP to UWP. Using WY, K a few rows and release from machine.

RIGHT SOCK

Work as for left sock, reversing shapings by noting alteration in number of rows worked.

PRESSING

Press as for sweater

MAKING UP

Graft sts below WY. Join side seams.

Finishing touch

by Angela Gordon

Shirring elastic is widely used in dressmaking applications but did you know that this elastic thread can also be knitted on the machine? Use it in conjunction with your Fair Isle setting to produce stretchy knitwear with that smocked look.

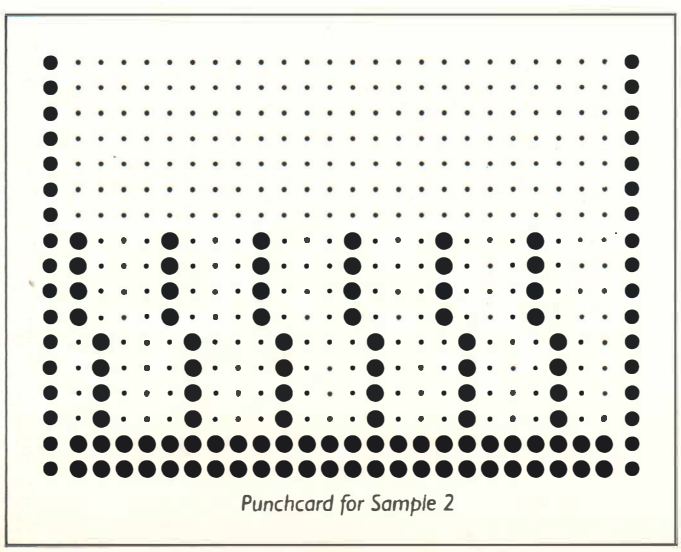
I originally tried the technique of knitting with shirring elastic whilst thinking of ideas for my first 'Super Tips' book. I wanted to create a smocked effect with the 'knitting-in' elastic but it broke too readily. However, I discovered that shirring elastic was much stronger and gave the fabric plenty of stretchiness without snapping.

Whilst developing the idea, weaving was the first method that came to mind. This was unsuccessful because the elastic did not catch in every needle that it was supposed to and the resultant long floats produced an uneven fabric. So far, the most reliable and successful smocking method has been to use the shirring elastic as the second yarn in a small repeating Fair Isle pattern. The SMALL repeat is very important as it avoids long floats of elastic on the reverse side of the work. I have, however, tried hooking up long floats to pull the fabric lengthways as well as widthways for a fabric variation, but I was not altogether impressed with the results!

The three illustrated smocking samples are my favourites. It is also possible to produce an interesting cuff by locking a card with one hole in every four punched across the row – quite an unusual alternative to mock ribs for those knitters who do not yet have a ribber.

Elasticated smocking can be used to create cuffs, welts and yokes. A little girl's pretty summer dress featuring a smocked bodice and shoestring straps can be very quickly knitted in one of the lightweight yarns. Make a matching cardigan with a smocked yoke to complete the ensemble. Elasticated smocking can also be used to create a type of Leg o' Mutton sleeve – the smocking would be worked from wrist to just above the elbow and the unsmocked fabric at the top of the sleeve would then produce a very full puff. For the young and very slim another idea is a mini dress made from two lengths of smocked knitting – the style could be sleeveless and strapless as the elastic would keep the dress in position!

Shirring elastic is usually available in an assortment of colours from the sort of craft shops found in the larger towns and cities. My nearest town is Wareham, where supplies are limited to black or white, so I have used black for these samples. The main yarn (and contrast in Sample 3) is Superwash Wool 4 ply knitted at tension seven and one dot. The shirring technique also works well in Hobby yarn for summer fabrics. I knitted the samples on a 580 electronic machine but all the samples can be just as easily knitted on a punchcard machine.



Punchcard for Sample 2

Basic knitting method:

When the first row of smocking is reached, the pattern is memorised and the cam set to Fair Isle throughout. Thread the shirring elastic into feeder 2 and tension it by hand whilst knitting the smocking rows – this is necessary to achieve a smooth 'feed in' rate. If you do not apply tension, there will be little or no gathering, whilst too much tension will prevent the fabric from stretching and may cause the elastic to snap.

The small reels of shirring elastic can be fastened to the table with a lump of Blu Tack. The end can then be threaded through the tension mast but the tension disc and hand tension should be kept loose. I did not manage to achieve a satisfactory 'feed in' rate on the tightest tension or even with the elastic wound around the tension arm once – it was definitely best to use hand tension.

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Finishing touch

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SAMPLE 1

Cast on approximately 80 stitches and knit 40 rows in stocking stitch. Program pattern three on sheet one (this is the same as Card 3 reversed), thread elastic into feeder 2, set the cam lever to Fair Isle and knit the smocking. Punchcard knitters can use Card 3 and thread the elastic into feeder 1 and the main yarn into feeder 2 to achieve the same effect. This produces a deeply textured honeycomb effect which could be varied by adding colour changes to the main yarn.

Close-up of purl side of knitting showing shirring elastic

SAMPLE 1

SAMPLE 2

SAMPLE 2

This sample is knitted in exactly the same way as Sample 1 but using pattern four on sheet one with the double length switch (number 3) on. Punchcard knitters need to punch out a card as shown. I like the rippling pattern created on this sample. It would be my choice for the Leg o' Mutton sleeves or the mini dress (not for myself, I hasten to add!)

SAMPLE 3

This sample is knitted in Fair Isle throughout, using the same pattern as Sample 1 (Card 3 reversed). The smocking is worked by removing the contrast yarn and replacing it with shirring elastic for four rows of the pattern and then switching back to the contrast yarn for four rows, repeating these eight rows throughout. It is vital that you start at the beginning of a four row repeat when you change to the shirring elastic, otherwise you will not achieve the same results.

The smocked area of this fabric is less firm than Samples 1 and 2, with far less gathering of the unsmocked area. I personally feel that it would be more comfortable to wear as a sun dress than the first two samples. If more fullness is required in the skirt, the main fabric could be knitted twice as wide and gathered back on to the needles before starting the smocking. To do this, just remove the work on several rows of waste knitting or use the garter bar and then return two stitches to every needle.

SAMPLE 3

Half and half

Feather soft, a long-line tunic in beautiful kid mohair. Classically simple, its design story is a single, central, sharp divide between stocking stitch and rib.

BACK

With carriage at right, set machine for 1x1 rib. Push 82 [91, 99] Ns at left and 63 [69, 76] Ns at right of centre 0 to WP on each bed. 145 [160, 175] Ns on each bed. * Arrange Ns for 1x1 rib. Using MY, cast on and K 5 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Transfer sts as on needle diagram 1. Set RC at 000. Using MT–5•/MT–5•, K 20 rows *. Push 82 [91, 99] Ns at left of centre 0 to HP (see Notes). Transfer ribber sts at right of centre 0 to corresponding Ns on back bed. Using MT–2 and WY, K a few rows and release from machine. With carriage at right and using a transfer tool, push Ns at left from HP to WP. Inc 1 st at right edge. 83 [92, 100] sts. Set RC at 000. Using MT–2/MT–2 and MY, K 138 rows. Place a marker at each end. K 96 rows.

Shape Neck

Cast off 31 sts at beg of next row, K 1 row. Dec 1 st at beg of next and every foll alt row until 48 [57, 65] sts rem. K 2 rows. Transfer sts for st st. Using MT+1••, K 2 rows. Using a latch tool, cast off. Push 63 [69, 76] Ns at right of centre 0 to WP. With carriage at left and P side of WY facing, replace sts on to Ns. Unravel WY. Inc 1 st at left edge. 64 [70, 77] sts. Set RC at 000. Using MT and MY, K 142 rows. Place a marker at each end. K 98 rows.

Shape Neck

Cast off 23 sts at beg of next row, K 1 row. Dec 1 st at beg of next and every foll alt row until 37 [43, 50] sts rem. K 2 rows. Using MT+1••, K 2 rows. Using a latch tool, cast off.

FRONT

With carriage at right, set machine for 1x1 rib. Push 63 [69, 76] Ns at left and 82 [91, 99] Ns at right of centre 0 to WP on each bed. 145 [160, 175] Ns on each bed. Work as for back from * to *. Push 82 [91, 99} Ns at right of centre 0 to HP (see Notes). Transfer ribber sts at left of centre 0 to corresponding Ns on back bed. Using MT–2 and WY, K a few rows and release from machine. With carriage at right and using a transfer tool, push Ns 58 ▶

PATTERN RATING
** Fairly easy for knitters with some experience.

MACHINES
This pattern is suitable for standard gauge machines with a ribber.
If you don't have a ribber, work ribs in mock rib as last page.

MATERIALS
Celandine Dawn.
2 x 300g cones in Fawn (MY).

GARMENT WEIGHT
Finished garment in second size weighs 370g.

The fibre content of this yarn is 70% Super Kid Mohair, 30% Nylon. For further information about this yarn, please write to the following address:- Celandine Limited, 44 Kirkgate, Otley, West Yorkshire LS21 3HJ.

ABBREVIATIONS AND YARN THICKNESS
See information on last page. For thickness, Yarn Guide equivalent is Full, 3-ply.

MEASUREMENTS
To fit bust 82-87 [92-97, 102-107] cm, 32-34 [36-38, 40-42] in.
Actual size 95 [105, 115] cm, 37 1/2 [41 1/2, 45 1/2] in.
Length to shoulder 70 cm, 27 1/2 in.
Sleeve seam 44 cm, 17 1/2 in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION
26 stitches and 38 rows to 10 cm, 4 in measured over stocking stitch (tension dial approximately 8•).
34 stitches and 37 rows to 10 cm, 4 in measured over rib pattern on MT–2/MT–2 (tension dial approximately 6•/6•).
For perfect results, please check your tension carefully.

KNITTING NOTES
We used knit side of stocking stitch as right side of garment.
Use 2 strands of yarn tog throughout.
To Transfer stitches to waste yarn:
Put Ns for rib pattern to HP on back bed and lower the ribber so that Ns are extended to HP. Transfer sts from ribber to back bed from Ns required for st st only. Change carriage to K st st. K across Ns to centre with nylon cord, if required. K a few rows in WY and release. Join carriages to K rib. Using a transfer tool, push Ns from HP to WP on back bed. Raise ribber carefully, bringing Ns back to WP. Cont in rib patt.

pattern 8

pattern 8

Half and half

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at right from HP to WP. Inc 1 st at left edge. 83 [92, 100] sts. Set RC at 000. Using MT–2/MT–2 and MY, K 138 rows. Place a marker at each end. K 79 rows.

Shape Neck

Cast off 17 sts at beg of next row. Dec 1 st at neck edge of every row until 56 [65, 73] sts rem, then on every foll alt row until 48 [57, 65] sts rem. K 1 row. Transfer sts for st st. Using MT+1••, K 2 rows. Using a latch tool, cast off. Push 63 [69, 76] Ns at left of centre 0 to WP. With carriage at right and P side of WY facing, replace sts on to Ns. Unravel WY. Inc 1 st at right edge. 64 [70, 77] sts. Set RC at 000. Using MT and MY, K 142 rows. Place a marker at each end. K 80 rows.

Shape Neck

Cast off 13 sts at beg of next row, K 1 row. Dec 1 st at beg of next and every foll alt row until 37 [43, 50] sts rem. K 2 rows. Using MT+1••, K 2 rows. Using a latch tool, cast off.

RIGHT SLEEVE

With carriage at right and using MY, cast on 88 sts in 1x1 rib. K 5 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Transfer sts as on needle diagram 2. Set RC at 000. Using MT–5•/MT–5•, K 20 rows *. Set RC at 000. Using MT–2/MT–2, shape sides by inc 1 st at each end of every 3rd row until there are 180 sts. K 10 rows. RC shows 148. Transfer sts for st st. Using MT+1••, K 2 rows. Using a latch tool, cast off.

LEFT SLEEVE

Work as for right sleeve to *. Transfer sts for st st. Set RC at 000. Using MT, shape sides by inc 1 st at each end of every 4th row until there are 152 sts. K 24 rows. RC shows 152. Using MT+1••, K 2 rows. Using a latch tool, cast off.

NECKBAND

Join centre back, centre front and right shoulder seam. Push 145 Ns to WP. With K side of st st facing, pick up 80 sts around front neck and 65 sts around back neck and place on to Ns. Using MT and MY, K 3 rows. Transfer sts as on needle diagram 1. Set RC at 000. Using MT–3•/MT–3•, K 3 rows. Using MT–3••/MT–3••, K 3 rows. Using MT–4/MT–4, K 3 rows. Using MT–4•/MT–4•, K 3 rows. Using MT–4••/MT–4••, K 3 rows. Using MT–5/MT–5, K 3 rows. Using MT–5•/MT–5•, K 3 rows. Using MT–2•/MT–2•, K 1 row. Using MT–5•/MT–5•, K 3 rows. Using MT–5/MT–5, K 3 rows. Using MT–4••/MT–4••, K 3 rows. Using MT–4•/MT–4•, K 3 rows. Using MT–4/MT–4, K 3 rows. Using MT–3••/MT–3••, K 3 rows. Using MT–3•/MT–3•, K 3 rows. RC shows 43. Transfer sts for st st. Pick up sts from first row of rib and place on to corresponding Ns. K 5 rows. Using WY, K a few rows and release from machine.

RIGHT POCKET

With carriage at right and using MY, cast on 40 sts in 1x1 rib. * K 5 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Transfer sts as on needle diagram 1. Set RC at 000. Using MT–5•/MT–5•, K 12 rows *. Set RC at 000. Using MT–2/MT–2, K 49 rows. Transfer sts for st st. Using MT+1••, K 2 rows. Using a latch tool, cast off.

LEFT POCKET

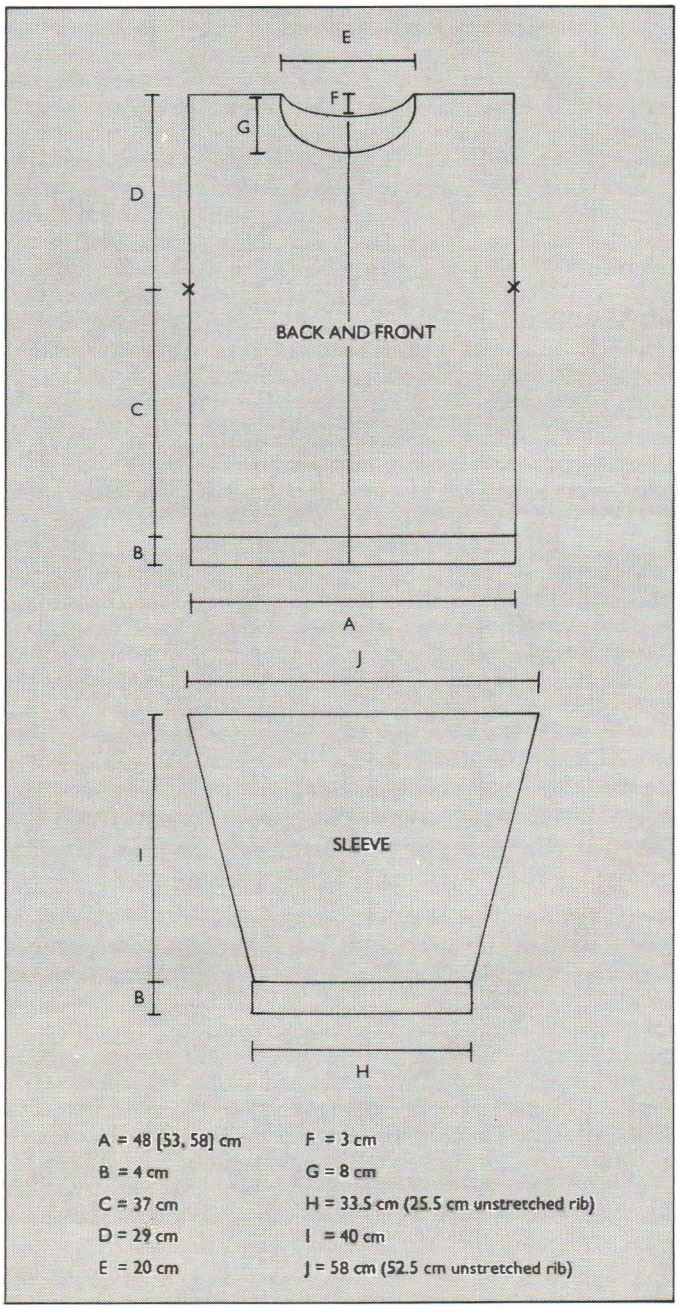
With carriage at right and using MY, cast on 35 sts in 1x1 rib. Work as for right pocket from * to *. Transfer sts for st st. Set RC at 000. Using MT, K 50 rows. Using MT+1••, K 2 rows. Using a latch tool, cast off.

MAKING UP

Join left shoulder and neckband seam. Pin neckband edging in position. Unravelling WY as required, backstitch through open loops of last row worked in MY. Set in sleeves between markers, stretching ribbed sleeve to fit. Join side and sleeve seams. Sew pockets into position as shown in picture. Turn garment to wrong side and very lightly steam press (press ribbed sleeve to width of st st sleeve). This tunic can be brushed on right side, if required.

NEEDLE DIAGRAM 1

NEEDLE DIAGRAM 2



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Classifieds

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TOYOTA colour changer with extension bar, boxed as new, £55. Tel: 081-979 5316 (West Molesey, Surrey).

PASSAP Duo 80, Deco, 4 colour changer, completely overhauled, vgc, £400 ono. Tel: 0295 255510 (Banbury).

BROTHER KH891 punchcard with built-in Knitleader, lace carriage, intarsia carriage, punchcards, hole punch etc, £250. Tel: 0622 763447 evenings only (Maidstone).

TOYOTA lace carriage, £35; Knit Tracer, £35; good condition. Tel: 0255 814854 (Essex).

BROTHER KH950i, hardly used, £600 ono. Keyto cabinet, offers. Also wool and books with machine. Tel: 0280 816507 (Buckingham).

KNITMASTER 700, built-in Knit Radar, lace carriage, SRP60 ribber, wool winder, patterns, hole punch, £485. Tel: 0446 737405 (Barry, S. Glam).

BROTHER 910 Electronic with lace carriage, also Intarsia carriage, £290. Tel: 0557 31798 (Kirkcudbright).

BROTHER KH836, Brother KR850, table, punch, punchcards, used twice, excellent condition, £450. Tel: 0604 411082 (Northampton).

KNITMASTER 360 plus ribber, colour changer, lace carriage, intarsia, punch, wool winder, patterns, books, wool and many other extras. Genuine reason for selling, £450 ono. Tel: 0493 720378 (Gt Yarmouth).

KNITMASTER 326 with SRP60N ribber, perfect condition. Punchcards, Fair Isle, built in radar, instruction manuals, £325. Tel: 0206 571626 (Colchester).

BROTHER intarsia carriage, used once, £25. Tel: 0844 352083 (Chinnor, Oxon).

KNITMASTER 326 punchcard machine with ribber, built-in Knit Radar, intarsia carriage, linker, table, punch, full set of tools and instructions, £330. Tel: 0257 483384 (Chorley, Lancs).

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SINGER double bed machine, electronic 2310 transfer carriage, stand, all instruction manuals and electronic cards for computer, video tape. Excellent condition, £350 ono. Tel: 0634 845477 (Chatham, Kent).

BROTHER 881 punchcard £180; Brother KH710, £95; Knitmaster new needles (fit 700), 22 for £2; Brother DeKnit, £3.50; Modern knitting chunky knits, 50p. Tel: 0865 511057 (Oxford).

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KNITMASTER 560 Electronic plus SRP50 ribber, £355; Knitmaster Chunky 120 plus new ribber and large needle set, £175; YC5, £25; YC6 new, £95. Tel: 0727 835247 (St. Albans, Herts).

BROTHER overlocker 760DE 4 thread differential feed, hardly used, £280. Tel: 0283 223716 (South Derbyshire).

BROTHER KG88 garter carriage, as new, £175; Brother KH836 punchcard machine, immaculate condition, £150; Lace carriage, £25; intarsia carriage, £25, to fit above. Tel: 0246 852790 (Chesterfield).

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KNITMASTER 360, ribber, lace carriage, table, linker, transfer carriage, weaving arm, electric wool winder, colour changer yarn twister, punch, punchcards, punch-card pattern books, £400. Tel: 0705 553247 (Lee-on-Solent).

SK890 Electronic Silver Reed knitter, also ribber and Silver Reed pattern controller, EC1. Tel: 0602 725493 (Nottingham).

BROTHER 260 Chunky plus ribber table, little used, so as new, £400 ono. Tel: 0372 274141 evenings (Surrey).

SIX knitting machines (four punchcard, two push button) all vgc with manuals and extras, suit classes or club, £240 the lot. Tel: 081-802 9585 (London).

KNITMASTER YC6 colour changer, £80 vgc; Knitmaster RT1 rib transfer carriage, £30 vgc. Tel: 0788 813989 (Rugby).

PASSAP Electronic 6000, books, video, excellent condition, £900. Tel: 0935 862180 (Yeovil).

SIMPLE Frame, instruction and pattern books, immaculate, £10. Tel: 0323 843218 (Hailsham).

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BROTHER 881 punchcard machine and 830 ribber, lace carriage, built-in Knitleader and all tools, excellent condition, recently serviced, £350 ono. Tel: (0272) 568947 (Bristol).

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BOND Elite, manual, video, patterns. Used twice, eleven months old, £119 ono. Tel: 0789 299764 (Stratford-on-Avon).

BROTHER 230 chunky machine, ribber, books and yarn. Excellent condition, £225. Tel: 021-384 3519 (Birmingham).

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BROTHER 836, manuals, vgc £150; Toyota 950 with lace attachment, ribber, manuals, vgc, £275; lace carriage for Jones+Brother, never used, boxed. Tel: 0489 572400 (Southampton).

TOYOTA KS901, Knit Tracer, punch, books etc, table, new, used once, £170. Tel: 0375 385281 (Essex).

PASSAP/PFAFF Tricofit (cast off) U100E transfer carriage, £100. Reason for sale, sold own machine due to illness. Tel: 0934 812623 (Weston-super-Mare).

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BROTHER KR230 ribber, new, unused, still in box, unwanted gift, £75 ono. Tel: 0707 263431 (Hatfield).

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BROTHER 881 plus 850 ribber, transfer carriage, intarsia carriage, both new, punchcards, card punch, wool winder, £450; KRC900 double bed colour changer, new, boxed, £65. Tel: 0722 329128 (Salisbury).

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KNITMASTER Zippy Deluxe, excellent condition, £195; KR7 Knit Radar, £75; AG20 intarsia carriage, £20; table, £10. Tel: 081-337 1473 (Sutton).

KNITMASTER colour changer YC6, hardly used, £90 ono. Tel: 0428 712395 (Farnham).

BROTHER 836 knitting machine, punch-cards, lace carriage, cast-off linker, table, some wool, £200 ono. Excellent condition. Tel: 0202 824045 (Verwood).

BROTHER 260 Chunky, instruction manuals, punchcards, used only few times, £190; Knitmaster Zippy 90, never used, £50. Tel: 0438 356987 (Stevenage).

PASSAP Duo 80 Form computer, 4 colour changer, Deco, PowerKnit, motor, £575. Removal forces reluctant sale. Tel: 0484 842411 after 6pm (Huddersfield).

JONES 588 breaking for spares, needles 20p each; toolbox complete; £7.50; yarn mast, £7.50; instruction book, carriages, rails, good stocking stitch knitter. Will sell complete, £35. Tel: 0722 329128 (Salisbury).

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RIBBER for Knitmaster 321. Tel: 0634 572278 (Gillingham, Kent).

BROTHER 260 chunky and table. Tel: 0603 738428 (Norwich).

ANN KITE's videos for Jones+Brother. Tel: 0360 312735 between 9am and 4pm (Lennox Town).

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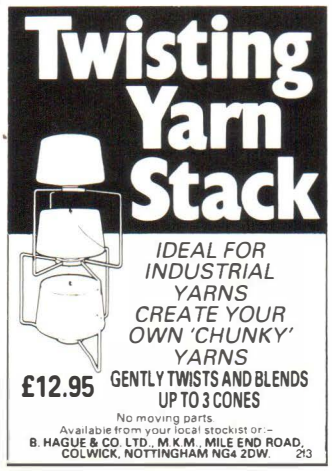
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dc = double crochet
dec = decrease(ing)
foll = following
g = grams
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inc = increase(ing)
K = knit
mm = millimetres
MT = main tension
MT−1, MT−2, MT−3 = one, two, three full sizes tighter than main tension
MT+1, MT+2, MT+3 = one, two, three full sizes looser than main tension
MY = main yarn
N(s) = needle(s)
NWP = non working position
P = purl
patt = pattern
RC = row counter
rem = remain(ing)
rep = repeat
ss = stitch size
st(s) = stitch(es)
st st = stocking stitch
tog = together
UWP = upper working position
WP = working position
WY = waste yarn

YARNS

Yarns used for our patterns are matched to this guide for thickness. If you want to use a different yarn and, especially for readers overseas who may not be able to buy the originals, choose a yarn of the same thickness. If you do use a different yarn here are a few tips.

Firstly, your garment is likely to be more successful if you use a very similar yarn so look for slubbed cotton for slubbed cotton, acrylic for acrylic, wool for wool and so on. A change of fibre is perfectly possible but requires even more care in checking tension, quantity and, above all, suitability in the resulting 'feel' and 'hang' of the knitted fabric.

To compare yarns, hold the proposed substitute over the guide and stretch it out until it is just taut, not pulled tightly. A good match should fit the guide lines closely.

Now that you have a suitable yarn, how much do you buy? Whenever possible buy the yarn by length rather than weight as different fibres and treatments can vary the weight of yarns a great deal. A 500 gram cone of airy acrylic would have many more metres or yards of yarn on it than a 500 gram cone of much denser cotton.

After matching the tension, the garments in the original and substitute yarns would have much the same number of stitches knitted throughout and therefore need much the same yarn length. When you cannot discover the length on the cone it is best to err on the generous side whilst using your previous experience to decide how many cones you would expect the garment to take.

It is possible to work out the length required for a garment by measuring the length used for a tension square and calculating the total area of the garment from the diagram but I think you would need to be addicted to mathematics to find this worthwhile.

Having bought your yarn, experiment until you have matched the original tension. To achieve the best 'handle' it may be necessary to vary the number of stitches or rows a little. This is no problem if you are using a charting device but will require extra calculation if you want to follow the written pattern where the numbers stated for rows and stitches will not now apply.

If all this sounds like too much trouble, take care. You could be lucky and knit a perfect garment in the first yarn that comes to hand but you could also be badly disappointed. Time is precious to all of us so it is worth 'wasting' a little to avoid wasting a lot. You will be rewarded by a successful result.

MOCK RIB

Used for welts, cuffs, neckbands and other edges on single bed machines without a ribber.

Push the number of main bed needles given in pattern to working position. Push every alternate needle back to non-working position for a 1×1 rib or every third needle back to non-working position for a 2×1 rib. It may be necessary to reduce this number by one needle at one or both edges to keep rib even. (Increase the stitches after the mock rib has been worked to give the same number as the pattern.)

Using main tension and waste yarn, cast on and knit a few rows ending with carriage at left. Set row counter at 000. Using at least two full sizes tighter than main tension, knit the number of rows given in pattern for rib. Using three full sizes looser than this tension, knit one row. (This loose row gives a neat fold line.) Return to two full sizes tighter than main tension and knit the same number of rows as before. Push empty needles from non-working to working position and make a hem by placing loops of first row worked in main yarn evenly along the row. Make sure that each empty needle holds a loop to prevent a row of holes across the work.

Unravel waste yarn after work has been removed from machine. After garment has been blocked to size, insert a metal welt bar or thin, clean piece of wood through the hem and pull firmly downwards to draw stitches of mock rib closer together. Set the stitches by steaming lightly on wrong side, if pressing instructions permit.

YARN GUIDE

1 PLY 2/30	FINE
	MEDIUM
	FULL
2 PLY 2/16	FINE
	MEDIUM
	FULL
3 PLY 3/8	FINE
	MEDIUM
	FULL
4 PLY 4/8	FINE
	MEDIUM
	FULL
DK 6/8, 8/8	FINE
	MEDIUM
	FULL
ARAN 4×3/8	FINE
	MEDIUM
	FULL
CHUNKY 6×3/8	FINE
	MEDIUM
	FULL

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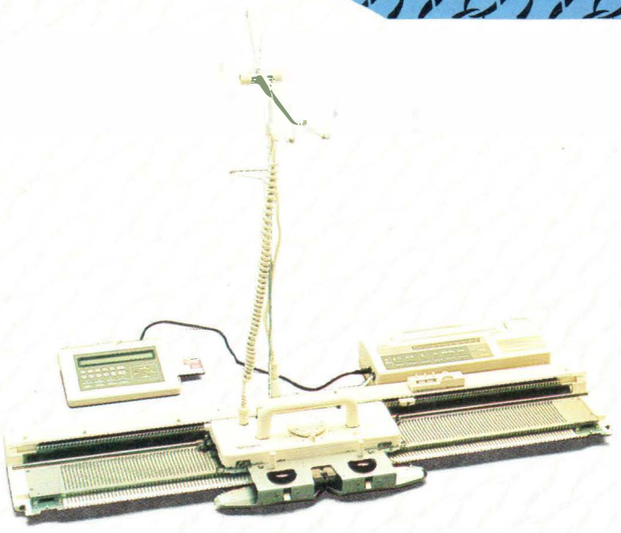
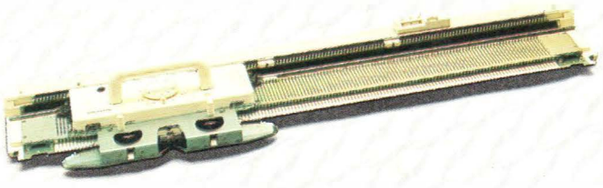
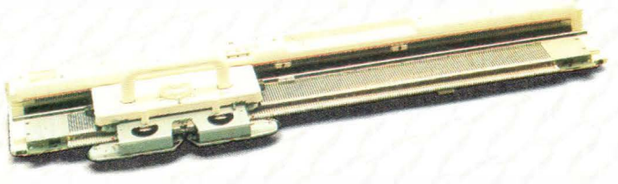


SK 890 *Chunky gauge*
Knits Mohair, Aran, Chunky



SK 860 *Double Knitting gauge*
Knits 4 ply, DK, Aran, Mohair



SK 840 *Standard gauge*
Knits 2 ply, 3 ply, 4 ply

SK 830 *Fine gauge*
Knits 1 ply, 2 ply, 3 ply

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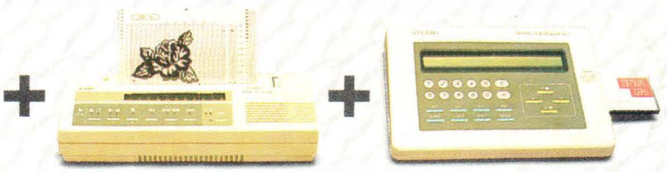
Silver EC1 *Pattern Controller*



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